



July 14, 1994

Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

JUL 18 1994

Attn: Frank Matthews

Re: PG & E Resources Company
Federal #21-9H
NE NW Sec. 9, T9S - R17E
Duchesne County, Utah

Dear Frank,

Enclosed please find three copies of the Application for Permit to Drill on the above mentioned well along with one copy of the drilling program and surface use plan which has been filed with the BLM in Vernal, Utah.

Please forward the approved copies to Jim LaFevers, PG & E Resources Company at the address shown on the A.P.D. Thanks for your assistance in this matter.

Sincerely,

PERMITCO INC.

Lisa L. Smith
Consultant for:
PG & E Resources Company

Enc.

cc: PG & E Resources Company - Dallas, TX
PG & E Resources Company - Vernal, UT

Permitco Incorporated
A Petroleum Permitting Company

13585 Jackson Drive Denver, Colorado 80241 (303) 452-8888

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
1b. TYPE OF WELL

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

OIL
WELL ☒

GAS
WELL ☐ OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR 214/750-3800 6688 N. Central Expressway,
PG & E Resources Company Suite 1000 Dallas, TX 75206
3. ADDRESS OF OPERATOR 303/452-8888 13585 Jackson Drive
PERMITCO INC. - Agent Denver, CO 80241

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)

At Surface

660' FNL and 1979' FWL

At proposed Prod. Zone

NE NW Sec. 9, T9S - R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

13 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY
OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

479.26

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL,
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

6125'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5233' GR

22. APPROX. DATE WORK WILL START*

August 15, 1994

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	350'	110 cubic feet, circ to surface.
7-7/8"	5-1/2"	17#	6,125'	1000 cubic feet or suffic. to

cover zones of interest.

PG & E Resources Company proposes to drill a well to 6125' to test the Green River formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Order No. 1 attached.

CONFIDENTIAL - TIGHT HOLE

Please be advised that PG & E Resources Company is considered to be the Operator of the above mentioned well. PG & E Resources Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. U-187011. The principal is PG & E Resources Company via surety consent as provided for in 43 CFR 3104.2.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] CONSULTANT FOR: PG & E Resources Co. DATE 07/14/94

(This space for Federal or State office use)

PERMIT NO. 43-013-31458 APPROVAL DATE APPROVED BY THE STATE

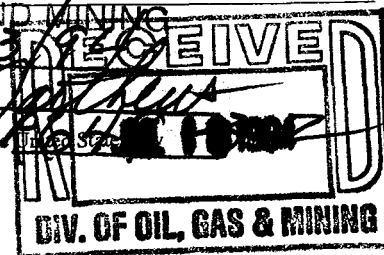
APPROVED BY TITLE OF UTAH DIVISION OF

CONDITIONS OF APPROVAL, IF ANY: OIL, GAS, AND MINING

cc: Utah Division of Oil, Gas & Mining

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



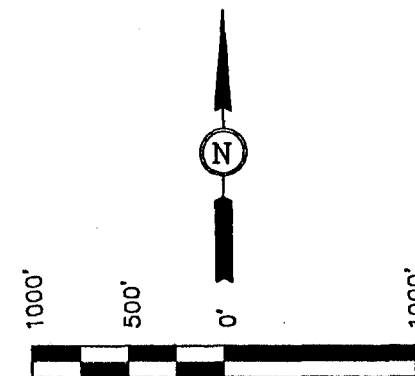
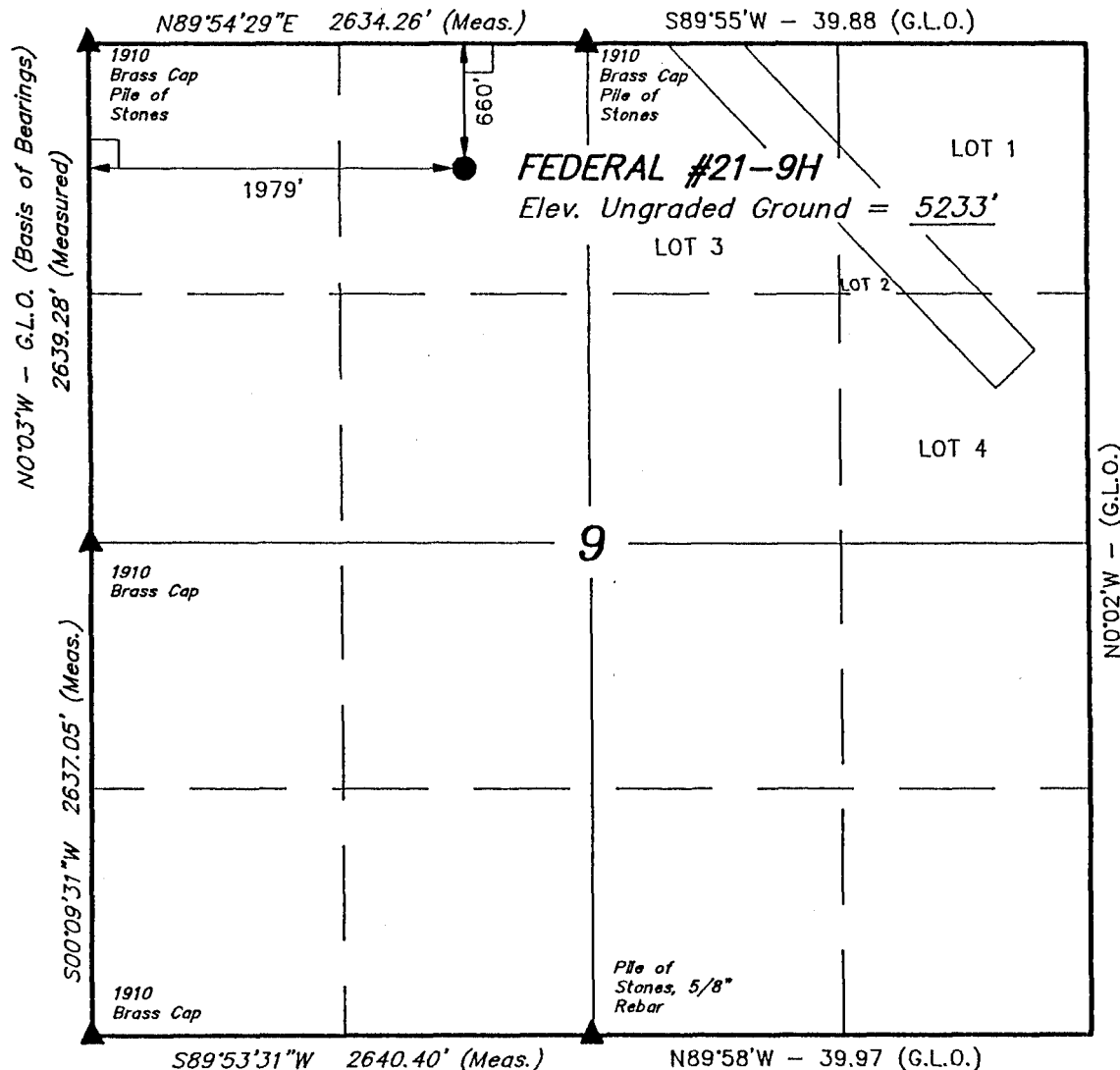
T9S, R17E, S.L.B.&M.

PG&E RESOURCES COMPANY

Well location, FEDERAL #21-9H, located as shown in the NE 1/4 NW 1/4 of Section 9, T9S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 9, T9N, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5305 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 7-6-94	DATE DRAWN: 7-8-94
PARTY B.B. B.R. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE PG&E RESOURCES	

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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1b. TYPE OF WELL

OIL GAS SINGLE MULTIPLE
WELL ☒ WELL ☐ OTHER ZONE ☒ ZONE ☐

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24. SIGNED *[Signature]*

Consultant for:

TITLE **PG & E Resources Co.**

DATE **07/14/94**

(This space for Federal or State office use)

PERMIT NO. **43-013-31458**

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah Division of Oil, Gas & Mining

*See Instructions On Reverse Side

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APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: **7/13/94**
BY: *[Signature]*
WELL SPACING: **R649-3-2**

ONSHORE OIL & GAS ORDER NO. 1

**Approval of Operations on Onshore
Federal and Indian Oil & Gas Leases**

**Federal #21-9H
660' FNL and 1979' FWL
NE NW Sec. 9, T9S - R17E
Duchesne County, Utah**

Prepared For:

PG & E RESOURCES COMPANY

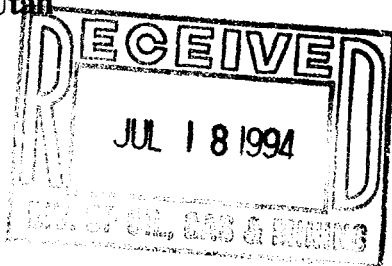
By:

**PERMITCO INC.
13585 Jackson Drive
Denver, Colorado 80241
303/452-8888**

CONFIDENTIAL - TIGHT HOLE

Copies Sent To:

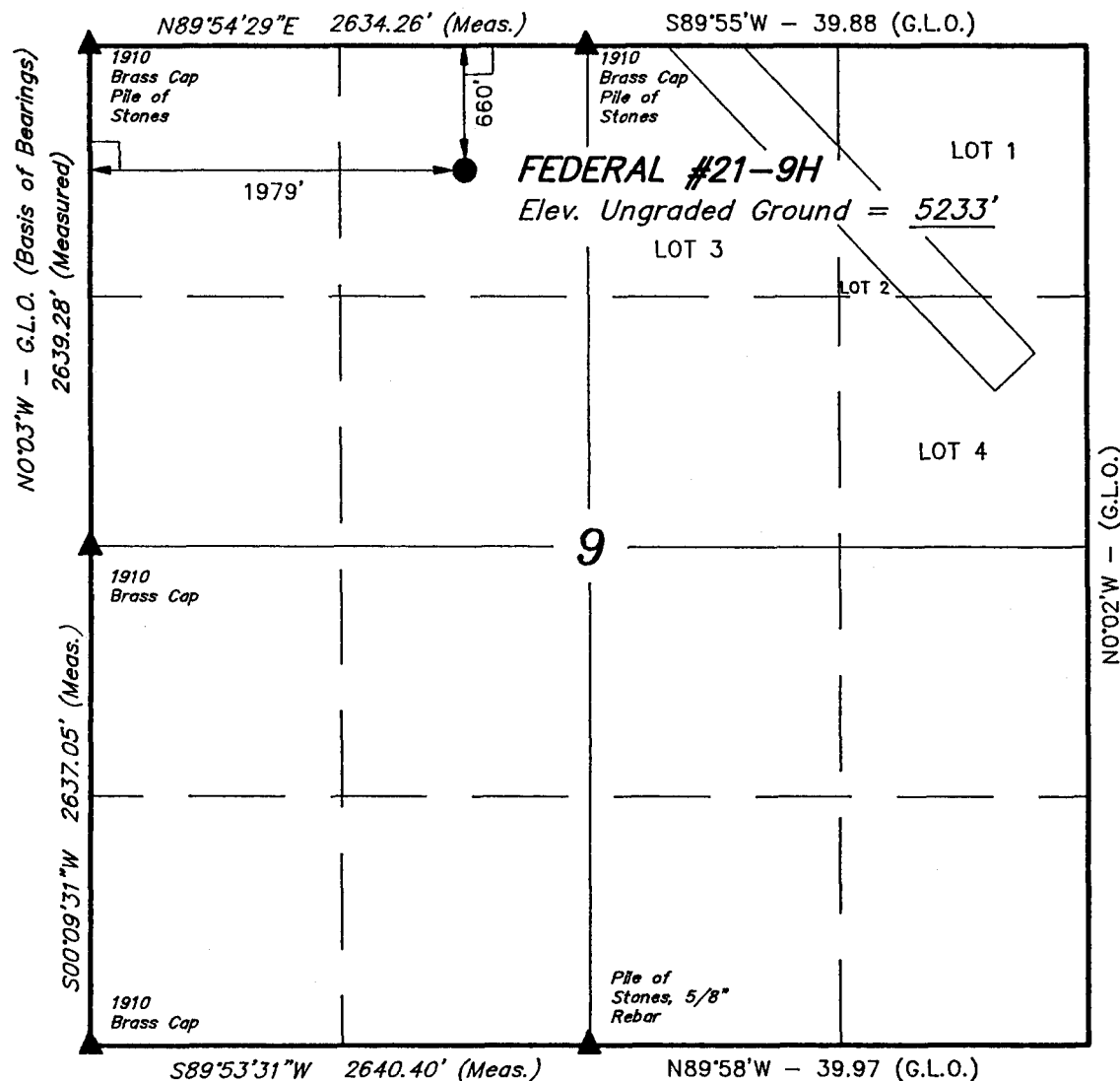
- 3 - BLM - Vernal, Utah**
- 1 - Utah Division of Oil, Gas & Mining - SLC, UT**
- 3 - PG & E Resources - Dallas, TX**
- 1 - PG & E Resources - Vernal, Utah**



T9S, R17E, S.L.B.&M.

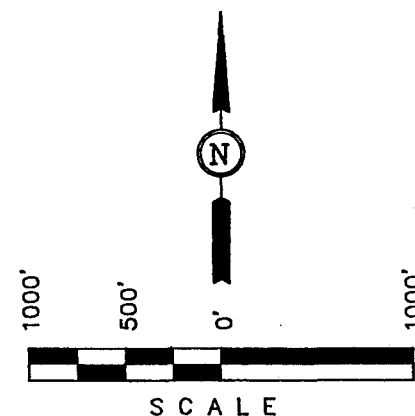
PG&E RESOURCES COMPANY

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PARTY B.B. B.R. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE PG&E RESOURCES	

August 9, 1993

Bureau of Land Management
170 S. 500 E.
Vernal, UT 84078

Attn: Minerals

Re: Agent Designation

Gentlemen:

This letter is to inform you that Permitco, Inc. is authorized to act as Agent and to sign documents on behalf of PG&E Resources Company when necessary for filing county, state and federal permits including Onshore Order No. 1, Right of Way applications, etc.

It should be understood that Permitco is acting as Agency only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

PG&E Resources Company agrees to accept full responsibility for operations including drilling, completion and production.

Yours very truly,



Jim LaFevers
Supervisor
Regulatory Affairs

JLF:ah

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Federal #21-9H

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ONSHORE ORDER NO. 1
PG & E Resources Company
Federal #21-9H
660' FNL and 1979' FWL
NE NW Sec. 9, T9S - R17E
Duchesne County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. U-50750

DRILLING PROGRAM

Page 1

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Uinta	Surface	
Green River	1467'	+3784'
D.C. Marker	4606'	+ 645'
"D"	4841'	+ 410'
"E"	4972'	+ 279'
"E ₂ "	5141'	+ 110'
"F"	5461'	- 210'
Basal Ls.	5869'	- 618'
Wasatch	6034'	- 783'
T.D.	6125'	

2. Estimated Depths of Anticipated Water, Oil, Gas or Minerals Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil	Douglas Creek (4)	4680-4705'
Oil	Douglas Creek (5)	4800-4815'
Oil	E (d) Sand	5079-5106'
Oil	E (2) Sand	5241-5291'
Oil	F (2) Sand	5491-5510'
Water	N/A	
Other Mineral Zones	N/A	

All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment: (Schematic Attached)

PG & E's minimum specifications for pressure control equipment are as follows:

Ram Type: 10" Hydraulic double with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 2000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

4. **Proposed Casing and Cementing Program:**

- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.
- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.

ONSHORE ORDER NO. 1
PG & E Resources Company
Federal #21-9H
660' FNL and 1979' FWL
NE NW Sec. 9, T9S - R17E
Duchesne County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. U-50750

DRILLING PROGRAM

Page 5

- i. Surface casing shall have centralizers on every fourth joint of casing starting with the shoe joint and up to the bottom of the cellar.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- l. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- m. The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>New</u>	<u>Used</u>
						<u>or</u>	<u>Type</u>
Surface	0-350'	12-1/4"	9-5/8"	36#	K-55		ST&C New
Produc.	0-6125'	7-7/8"	5-1/2"	14# 17#	J-55		LT&C New

- n. Casing design subject to revision based on geologic conditions encountered.
- o. The cement program will be as follows:

Surface
0-350'

Type and Amount

± 110 sx Class "A" Cement or
sufficient volume to circulate to
surface.

Production

Type and Amount

Approx. 1000 cubic feet of 50/50 Poz Mix, 14.1 ppg, 1.26 yield or sufficient to cover zones of interest (from T.D. to approximately 2600'.

- p. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.
- q. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- r. The following reports shall be filed with the District Manager within 30 days after the work is completed.
 - 1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
 - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
 - b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- s. Auxiliary equipment to be used is as follows:
 - 1. Kelly cock
 - 2. No bit float is deemed necessary.
 - 3. A sub with a full opening valve.

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Lease No. U-50750

DRILLING PROGRAM

Page 7

5. Mud Program:

- a. The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>F/L</u>	<u>PH</u>
0-6125'	Water/Lime & Gel	8.4-8.6	27-36	N/C	N/C

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and Ph.

- b. Mud monitoring equipment to be used is as follows:

1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.

- c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

- d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

- e. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

6. Evaluation Program:

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated, however, if they are run the following will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of a Dual Laterolog, 1", 2" and 5" from T.D. to base of surface casing. A Spectral Density Dual-Spaced Neutron Log, 5" from T.D. to base of surface casing.
- c. No cores are anticipated.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after

completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

- e. The anticipated completion program is as follows: Perforate and casing water frac potential hydrocarbon bearing zones.
- f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

7. Abnormal Temperatures or Pressures

- a. No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area.
- b. The maximum anticipated bottom hole pressure will be approximately 2700 psi at T.D.

8. Anticipated Starting Dates and Notification of Operations:

- a. Drilling will commence immediately upon approval of this application.
- b. It is anticipated that the drilling of this well will take approximately 12-14 days.
- c. The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m, Monday through Friday except holidays), at least 24 hours prior to spudding the well.

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PG & E Resources Company
Federal #21-9H
660' FNL and 1979' FWL
NE NW Sec. 9, T9S - R17E
Duchesne County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. U-50750

DRILLING PROGRAM
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- d. Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.
- e. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.
- f. Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.
- g. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- h. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

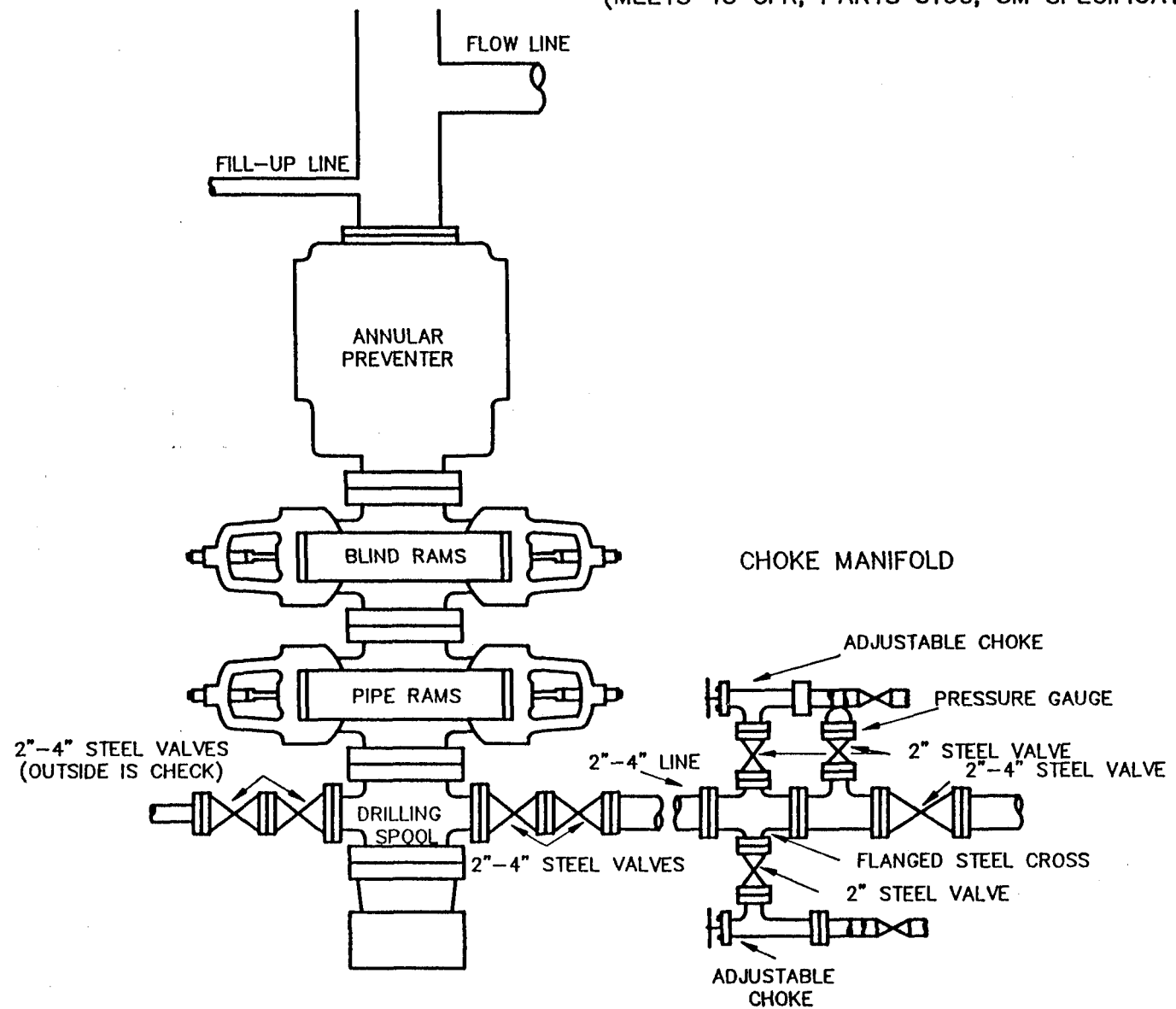
- i. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- j. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- k. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- l. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- m. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- n. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- o. A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3 and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product



lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

- p. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- q. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.
- r. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

THREE PREVENTER HOOKUP
CLASS III
(MEETS 43 CFR, PARTS 3160, 3M SPECIFICATIONS)



ONSHORE ORDER NO. 1
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Page 1

ONSHORE OIL & GAS ORDER NO. 1

NOTIFICATION REQUIREMENTS

- | | |
|-----------------------------------|--|
| Location Construction - | forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion - | prior to moving on the drilling rig. |
| Spud Notice - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing - | twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests - | twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice - | within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

The onsite inspection for the subject well was conducted on Tuesday, July 12, 1994 at approximately 2:30 p.m. Weather conditions were warm and breezy. In attendance at the onsite inspection were the following individuals:

Robert Kay
Lisa Smith
Ralph Brown
Jake Neves

Uintah Engineering and Land Surveying
Permitco Inc.
Bureau of Land Management
Drilling Consultant/PG & E

1. Existing Roads

- a. The proposed well site is located approximately 13 miles south of Myton, Utah.



- b. Directions to the location from Myton, Utah are as follows:

From Myton proceed southwesterly on Highway 40 for 1.5 miles. Turn left onto County Road #53 and #216 and proceed southeasterly for 12.7 miles to the Castle Peak Mine. Turn right and proceed southwesterly for 0.3 miles to the location. The location sits adjacent to the road on the southeast side.

- c. For location of access roads within a 2-Mile radius, see Maps A & B.
- d. Improvement to the existing access will not be necessary. All roads (with the exception of the last 0.6 miles) are county maintained.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. Planned Access Roads

- a. Approximately 300 feet of new construction will be required for a temporary road re-routing of the existing county maintained road. After the well is completed, the road will be moved back to its original location.
- b. The maximum grade (of the new construction) will be approximately 3%.
- c. No turnouts are planned.
- d. No low water crossings will be necessary. There are no major cuts and fills. No culverts and/or bridges will be required.
- e. It was not necessary to centerline flag the access road since the road is existing.

- f. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.
- g. No cattleguards will be necessary.
- h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- i. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- j. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- k. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
- l. A right of way application will not be required.

3. Location of Existing Wells Within a 1-Mile Radius of the Proposed Location.
(See Map #C).

- a. Water wells - none
- b. Injection wells - none
- c. Producing wells - four
- d. Drilling wells - none
- e. Shut-in wells - none
- f. Temporarily abandoned wells - one
- g. Disposal wells - none
- h. Abandoned wells - three
- i. Dry Holes - none

4. Location of Tank Batteries and Production Facilities.

- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Desert Tan (10YR6/3). All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.
- b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the wellpad shall be surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

- c. A Sundry Notice will be submitted showing placement of all production facilities prior to construction.
- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.
- f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.
- g. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- h. Any necessary pits will be properly fenced to prevent any wildlife entry.
- i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

- k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- l. The road will be maintained in a safe useable condition.

5. Location and Type of Water Supply

- a. All water needed for drilling purposes will be obtained from the Hicken Pond which is located N 475' W, 40' from the South quarter corner of Section 12, T4S - R2W, Duchesne County, Utah. Permit No. 47-1437 (Dalbo).
- b. Water will be hauled to location over the roads marked on Maps A and B.
- c. No water well is to be drilled on this lease.
- d. A copy of the approved water permit is attached.

6. Source of Construction Material

- a. Surface and subsoil materials in the immediate area will be utilized.
- b. Any gravel used will be obtained from a commercial source.
- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.
- d. No construction materials will be removed from Federal land.

7. Methods of Handling Waste Disposal

- a. The reserve pit will be constructed so as not to leak, break, or allow discharge.

- b. A 12 mil plastic nylon reinforced liner is utilized. The pit will be first lined with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- d. After first production, produced waste water will be confined to a unlined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.
- e. Drill cuttings are to be contained and buried in the reserve pit.
- f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- g. A chemical porta-toilet will be furnished with the drilling rig.
- h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.

8. Ancillary Facilities

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. Well Site Layout

- a. The reserve pit will be located on the east side of the location.
- b. The flare pit will be located downwind of the prevailing wind direction on the southeast side, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.
- c. The stockpiled topsoil (first six inches) will be stored on the southeast side of the location between points 6 and D.
- d. Access to the wellpad will be from the north between points 2 and 3.
- e. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- f. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- g. During construction, all brush will be removed from the wellpad and access road and stockpiled separately from the topsoil.
- h. All pits will be fenced according to the following minimum standards:
 1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
 2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- i. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

10. Plans for Restoration of Surface

Producing Location

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
- c. The plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.
- e. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The following seed mixture will be used unless another seed mixture is deemed to be more suitable for the location.

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Seed Mixture

Pounds/Acres*
Pure Live Seed

Forage Kochia (<i>Kochia prostrata</i>)	1
Ephriam Crested Wheatgrass (<i>Agropyron cristatum</i> Ephriam)	5
Russian Wildrye (<i>Elymus junceus</i>)	4
Fourwing Saltbush (<i>Atriplex canescens</i>)	2

*Rate if drilled. If broadcast, mixture will be doubled.
A harrow will be drug over the location to assure seed cover.

Dry Hole

- f. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership

Access Roads - All roads are County maintained or managed by the Bureau of Land Management.

Wellpad - The well pad is located on lands owned by the BLM.

12. Other Information

- a. A Class III archeological survey was conducted by Sagebrush Archeological Consultants. A copy of this report is attached.
- b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further

disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

-whether the materials appear eligible for the National Register of Historic Places;

-the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and

-a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- c. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- d. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.
- e. A silt catchment dam and basin will not be required.

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SURFACE USE PLAN
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- f. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- g. A complete copy of the approved APD and ROW grant shall be on location during construction of the location and drilling activities.
- h. There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.
- i. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- j. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period. After permit termination, a new application will be filed for approval for any future operations.
- k. The operator or his contractor shall contact the BLM Offices at 801/789-1362 48 hours prior to construction activities.
- l. The BLM Office shall be notified upon site completion prior to moving on the drilling rig.
- m. In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kencska
Ed Forsman
BLM Fax Machine

Petroleum Engineer
Petroleum Engineer

801/781-1190
801/789-7077
801/789-3634



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13. Lessee's or Operator's Representative and Certification

Permit Matters

PERMITCO INC.
Lisa L. Smith
13585 Jackson Drive
Denver, CO 80241
303/452-8888

Drilling & Completion Matters


PG & E Resources Company
6688 N. Central Expressway
Suite 1000
Dallas, TX 75206-3922
Gary Whetstine - 214/750-3800
Jim LaFevers - 214/750-3800 (Regulatory)

Certification

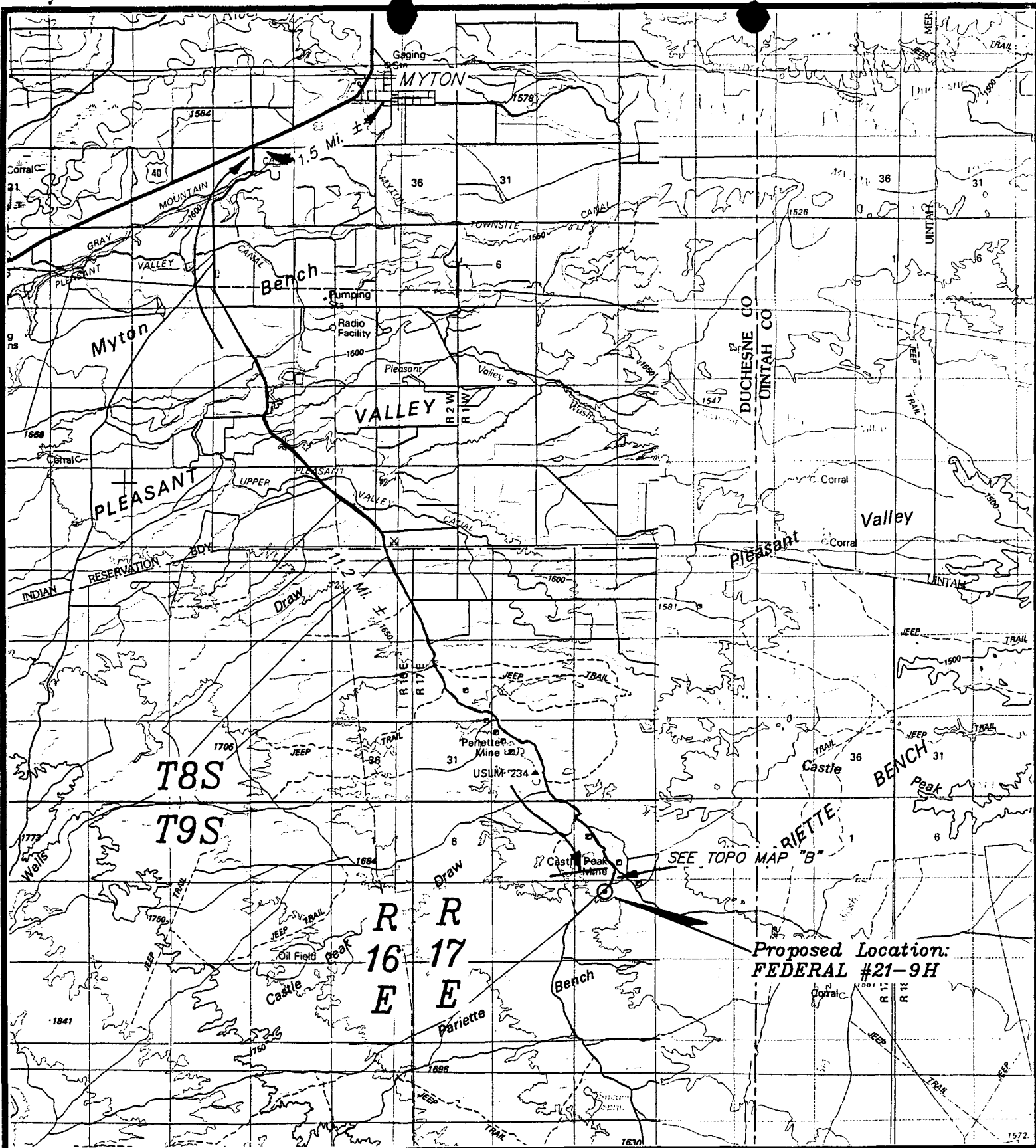
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by PG & E Resources Company and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

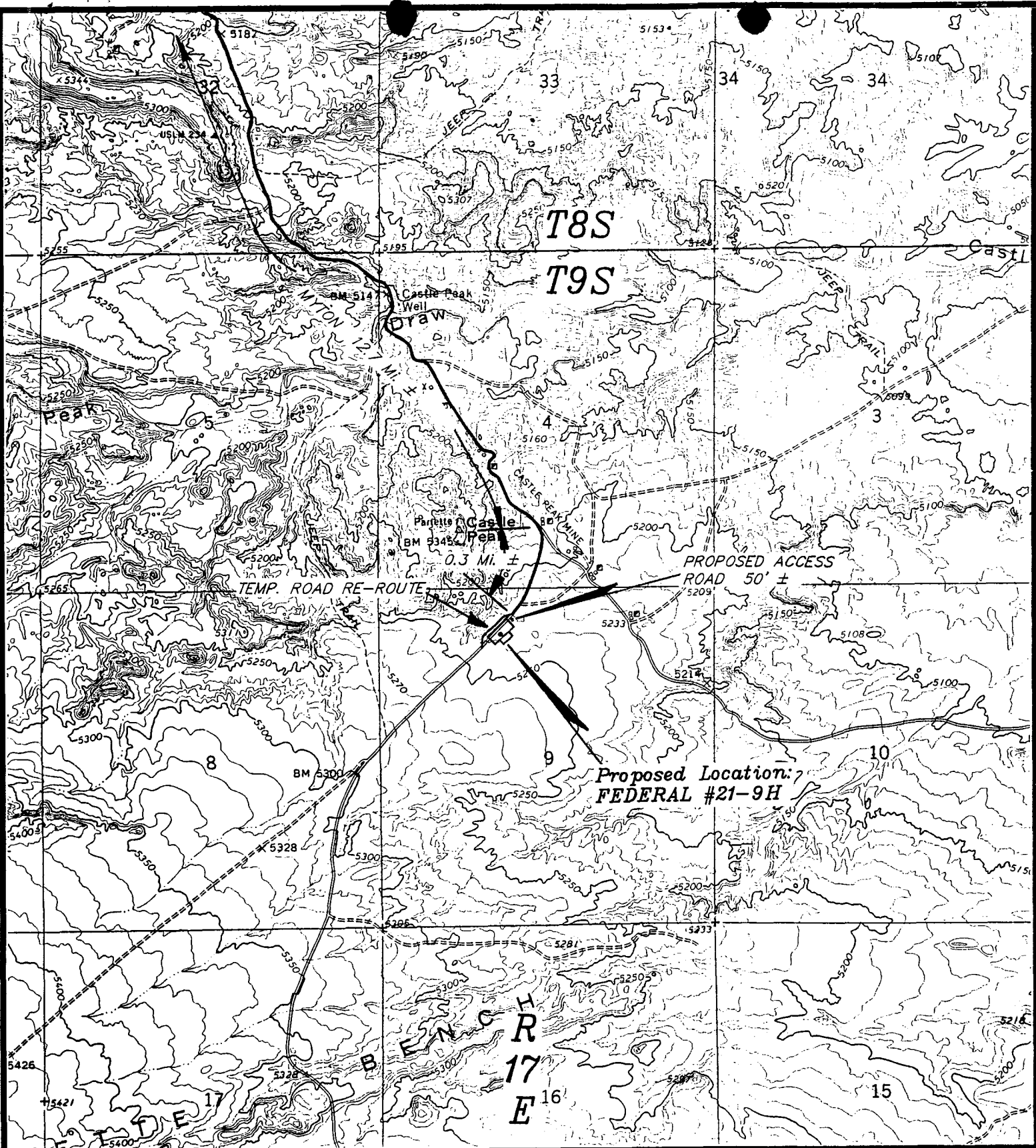
This statement is subject to the provisions of 18.U.S.C. 1001 for the filing of a false statement.

July 14, 1994
Date:



Lisa L. Smith - PERMITCO INC.
Authorized Agent for:
PG & E Resources Company





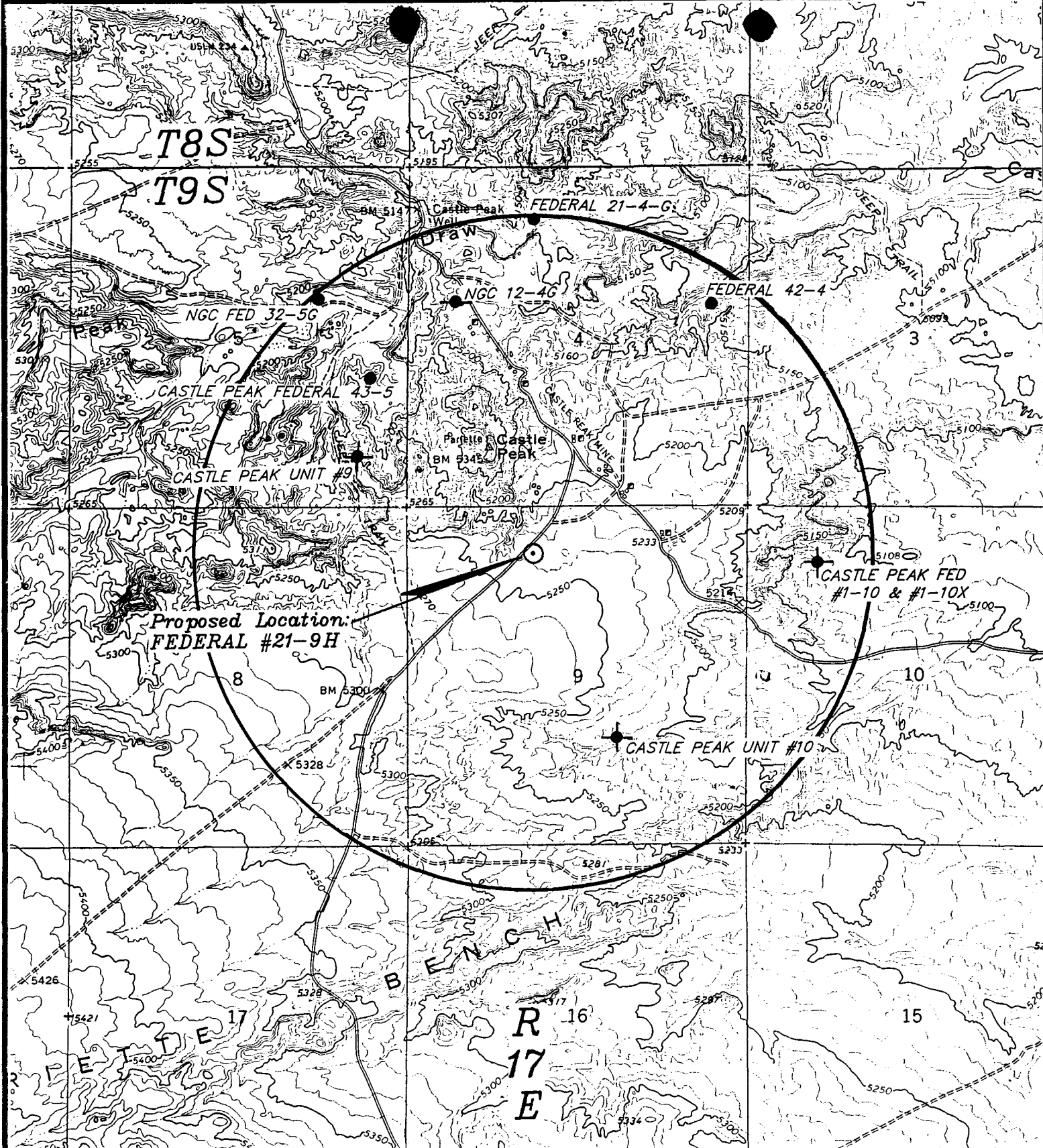
TOPOGRAPHIC
MAP "B"

SCALE: 1" = 2000'
DATE: 7-9-94 C.B.T.



PG&E RESOURCES COMPANY

FEDERAL #21-9H
SECTION 9, T9S, R17E, S.L.B.&M.
660' FNL 1979' FWL



LEGEND:

- ⊗ = Water Wells
- ◆ = Abandoned Wells
- = Temporarily Abandoned Wells
- ⊘ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- = Shut-in Wells



PG&E RESOURCES COMPANY

FEDERAL #21-9H

SECTION 9, T9S, R17E, S.L.B.&M.

TOP O MAP "C"

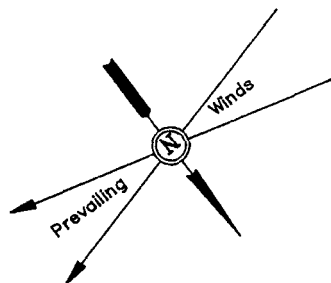
DATE: 7-9-94 C.B.T.

REGISTERED LAND SURVEYOR

NO. 55120

MAY 1981

STATE OF UTAH



SCALE: 1" = 50'
DATE: 7-8-94
Drawn By: D.R.B.

Topsoil Stockpile

FLARE PIT
Min. 100' from rig substructure.
Min. 30' from reserve pit fence.

Small Drainage

C-3.5' El. 35.5'

C-2.5' El. 34.5'

APPROX. TOP OF CUT SLOPE

C-3.8' El. 35.8'

Sta. 3+00

DATA

150'

CATWALK

140'

PIPE RACKS

TRAILER

FUEL

Existing Road

C-8.4' El. 32.4' (Btm. Pit)

C-0.5' El. 32.5'

RESERVE PITS (8' Deep)

DIKE

Total Capacity W/2' of Freeboard = 6,300 Bbls. ±

Sta. 0+42

75'

10' WIDE DIKE

10'

30'

RIG

DOG HOUSE

100'

WATER

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TRAILER

FUEL

HOLDING TANK

TOILET

STORAGE TANK

TRASH

150'

130'

Re-Route Drainage As Required

C-8.3' El. 32.3' (Btm. Pit)

F-1.2' El. 30.8'

F-1.6' El. 30.4'

F-1.5' El. 30.5'

F-2.4' El. 29.6'

Proposed Access Road

APPROX. TOE OF FILL SLOPE

Sta. 1+50

Sta. 0+00

Elev. Ungraded Ground at Location Stake = 5232.5'

Elev. Graded Ground at Location Stake = 5232.0'

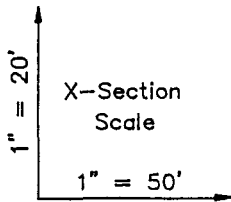
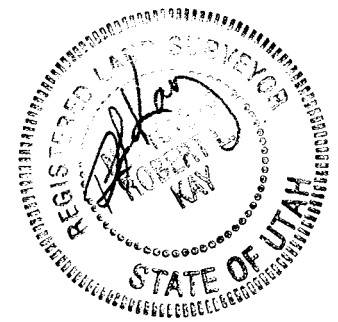
UINTAH ENGINEERING & LAND SURVEYING

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017

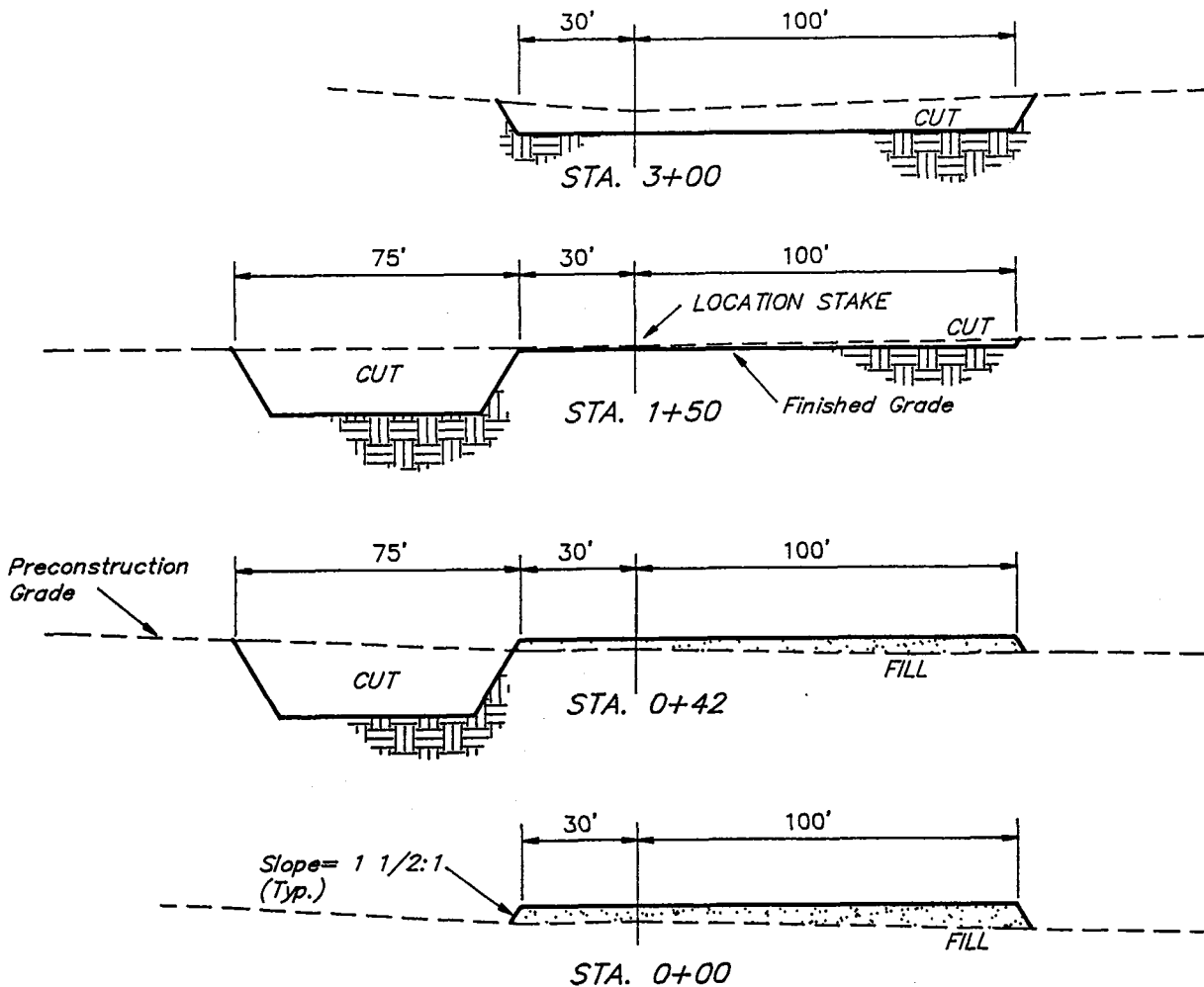
PG&E RESOURCES COMPANY

TYPICAL CROSS SECTIONS FOR

FEDERAL #21-9H
SECTION 9, T9S, R17E, S.L.B.&M.
660' FNL 1979' FWL



DATE: 7-8-94
Drawn By: D.R.B.



Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 900 Cu. Yds.

Remaining Location = 2,810 Cu. Yds.

TOTAL CUT = 3,710 CU.YDS.

FILL = 990 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION

= 2,670 Cu. Yds.

Topsoil & Pit Backfill
(1/2 Pit Vol.)

= 1,880 Cu. Yds.

EXCESS UNBALANCE
(After Rehabilitation)

= 790 Cu. Yds.

There are no federal stipulations at this time.



**A CULTURAL RESOURCES SURVEY OF
THREE PG&E WELL PADS IN THE VICINITY OF PARIETTE BENCH,
DUCHESNE COUNTY, UTAH**

by

Heather M. Weymouth
Archaeologist

and

Rebecca L. Morgan
Archaeologist

Prepared for:

PG&E Resources Company
6688 North Central Expressway, Suite 1000
Dallas, Texas 75206-3922

Prepared by:

Sagebrush Archaeological Consultants, L.L.C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 93-UT-54630

and

Utah State Antiquities Permit No. U-94-SJ-448b

Archaeological Report No. 675

July 8, 1994

INTRODUCTION

In June 1994, PG&E Resources Company (PG&E) of Dallas, Texas requested that Sagebrush Archaeological Consultants, L.L.C. (Sagebrush) conduct a cultural resources inventory of three well pads and accompanying access roads located on lands controlled by the Bureau of Land Management (BLM) for proposed PG&E Wells #21-9H, #14-9H, and #22-8H in Duchesne County, Utah. All three wells sites lie on lands controlled by the BLM.

The proposed wells are located in T. 9S., R. 17E., S. 9 NE $\frac{1}{4}$ NW $\frac{1}{4}$; S. 9 SW $\frac{1}{4}$ SW $\frac{1}{4}$; and S. 8 SE $\frac{1}{4}$ NW $\frac{1}{4}$ (Figure 1). The project area lies on USGS 7.5' Quadrangle Myton SE, Utah (1964). The project was carried out by the authors on July 6, 1994 under authority of Cultural Resources Use Permit No. 93-UT-54630 and Utah State Antiquities Permit No. U-94-SJ-448b.

A file search to identify previous cultural resources projects, known cultural resources sites and paleontological localities near the project area was conducted by the authors on July 6, 1994 at the Bureau of Land Management, Vernal District Office. An additional file search was conducted by Reba Morgan on July 7, 1994, at the Division of State History, Utah State Historical Society, Salt Lake City.

More than 45 previous cultural resources projects have been conducted in the area of the present project. Due to the large number of projects in the area, the district archaeologist does not want all of individual project descriptions listed. 11 cultural resources sites, including both project related sites and individual sites, and three paleontological sites have been previously recorded in the vicinity of the current project area. Following is a brief description of each of these sites:

Site 42Dc255. This site, located on the west side of a small wash 1/8 mile east of Castle peak, consists of four dry laid, rough stone walls with an associated sandstone overhang. This site has not been evaluated for eligibility to the NRHP.

Site 42Dc293. This site, located on the south side of a draw 3/4 mile NE of Castle Peak, consists of several petroglyphs including two anthropomorphs, mountain sheep, a deer, and several figures with radiating lines. The petroglyphs are believed to be Fremont. This site has not been evaluated for eligibility to the NRHP.

Site 42Dc350. This site, located in shallow dunes along the south side of Castle Peak Draw approximately 1.5 miles W-NW of Castle Peak, consists of a sparse lithic scatter. This site has not been evaluated for eligibility to the NRHP.

Site 42Dc353. This site, located in desert pavement surfaces on top of an east-west ridge north of Castle Peak Draw, consists of a lithic scatter and temporary campsite. This site was recommended eligible to the NRHP.

Site 42Dc404. This site, located on the north side of a small draw approximately 1/2 mile north of Castle Peak, consists of a historic trash scatter. This site was recommended NOT eligible to the NRHP.

Site 42Dc423. This site, located on the east side of a small draw approximately 3/4 mile SW of Castle Peak, consists of a single, isolated, sandstone slab-lined hearth of unknown age. This site was recommended NOT eligible to the NRHP.

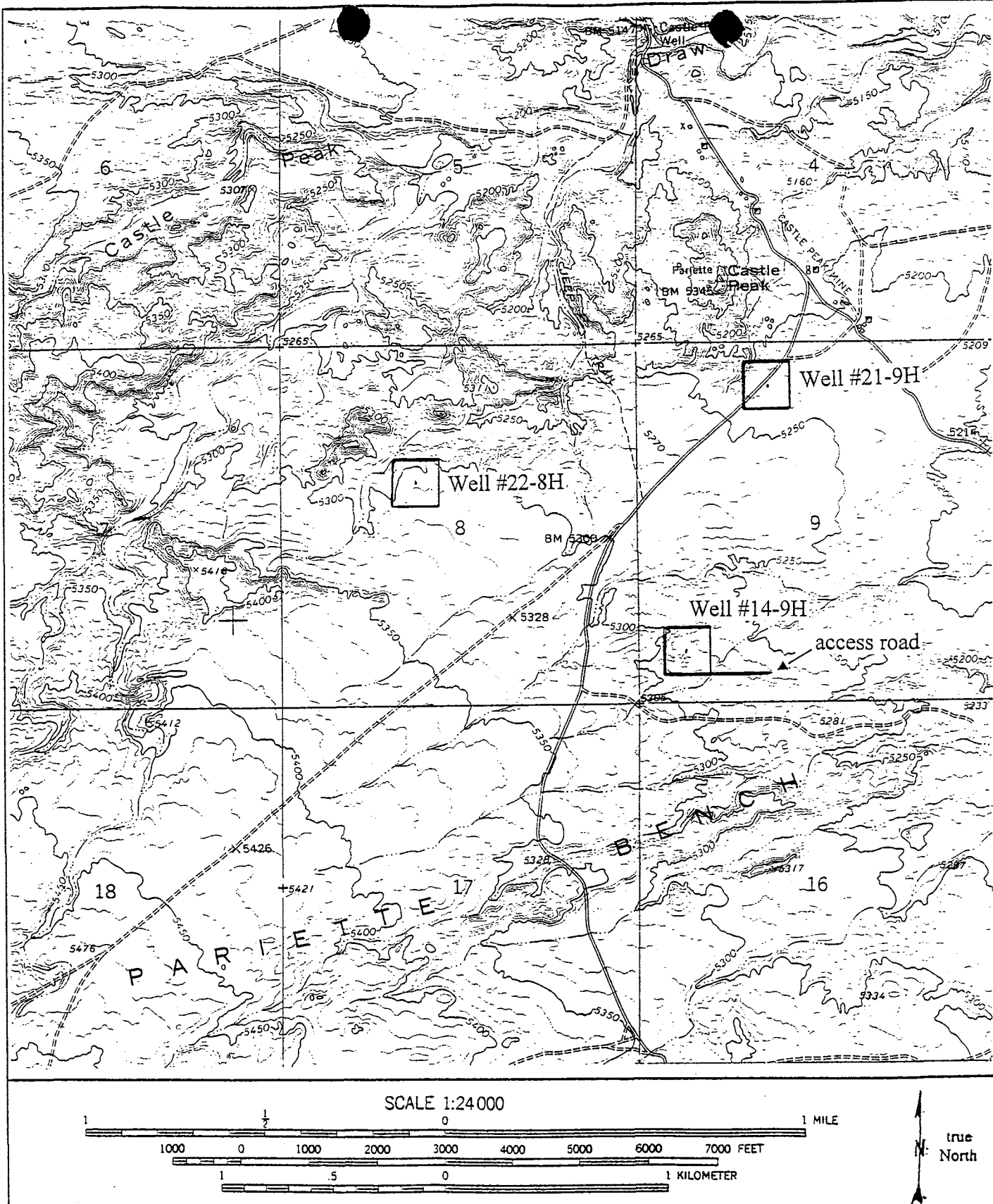


Figure 1. Location of areas surveyed for the PG&E Paria Bench 3 Wells project. Taken from: USGS 7.5' Quadrangle Myton SE, Utah (1964).

Site 42Dc424. This site, located on the south side of a draw approximately one mile SW of Castle Peak, consists of one Pinto type projectile point, one large biface fragment, and five to ten flakes. This site was recommended NOT eligible to the NRHP.

Site 42Dc425. This site, located near the base of a low dune formation south of a small wash 1½ miles SW of Castle Peak, consists of a sparse lithic scatter. This site was recommended NOT eligible to the NRHP.

Site 42DC765. This site, located in the exposed bedrock ledges north of Pariette Bench, consists of a lithic scatter/rock shelter with an associated historic camp/trash scatter. This site was recommended eligible to the NRHP.

Site 42Dc766. This site, located on the top of a low dune in a tributary wash just south of Castle Peak Draw, consists of a sparse scatter of secondary flakes. This site was recommended eligible to the NRHP.

Site 42Dc784. This site, located on a terrace overlooking a stream bed north of Pariette Bench, consists of a lithic scatter comprised of 30+ flakes in all stages of tool manufacturing. This site was recommended eligible to the NRHP.

Site 42Dc010V. This site, located on a small bench along the southeast side of the two small pinnacles which lie just west of Castle Peak, consists of two small mammalian mandibles, one small cranium fragment, and a few unidentified fragments. This site has been evaluated as an important paleontological find.

Site 42Dc011V. This site, located on a flat bench south of Castle Peak Draw, consists of a sparse scatter of small vertebrate fragments. This site has been evaluated as insignificant.

Site 42Dc012V. This site, located in a tributary drainage just north of Castle Peak Draw, consists of a sparse scattering of small vertebrate fragments. This site has been evaluated as insignificant.

The NRHP was consulted prior to the commencement of fieldwork for the present project. No listed NRHP sites were found located in the vicinity of the current project area.

ENVIRONMENT

The project area lies south of Myton and north of Pariette Bench on a bench that is cut by ephemeral drainages. The elevation of the area ranges from approximately 5230 to 5310 feet a.s.l. Sediments consist of light brown to buff sand and sandy silts with little or no gravel content. Vegetation in the survey area consists of shadscale community species and covers approximately 20 percent of the area. Noted species include greasewood, horsebrush, rabbitbrush, bunchgrass, prickly pear cactus, and buckwheat. The vegetation in the surrounding area includes shadscale species, and riparian growth such as willow and other riparian species growing along the banks of Pariette Draw. The nearest permanent water source is Pariette Draw which lies between eight and nine miles to the northwest of the various well pads. Natural disturbance in the area is primarily in the form of aeolian movement of sand and some water erosion. Cultural disturbance includes agricultural use, grazing of livestock and a number of graded oil field roads which are present throughout much of the project area.

METHODOLOGY

The survey area covered during this project consists of three 10 acre parcels of land centered on proposed well heads and one access road corridor connecting one of the three well locations to pre-existing access roads. The well pads were inventoried by the authors walking parallel transects spaced no more than 15 meters apart. The access road, which is 1000 feet in length, was walked in two parallel transects spaced 10 meters apart to cover a corridor width of 100 feet (30 meters). The areas surveyed during this project (including both well pads and the access road) totaled 32.30 acres.

RESULTS

Two cultural resource isolated finds and one paleontological isolated find were recorded during this survey. IF-1 is a violet bottle base with two associated bottle body fragments. The base has the number "3" on the center and measures 1½" wide and 3¼" long. It appears to have been an oval liquor bottle. IF-2 is a corner notched projectile point. The material is a milky white quartzite with pink-orange speckles through it. The tip and the base are missing. The point measures 2.5 cm wide by 2.5 cm long and is 0.5 cm thick. All measurements are at widest points.

The paleontological isolated find consists of what appears to be shell fragments from a single turtle shell weathering out of the bottom of a low ridge. There are 15-20 fragments of highly weathered, tan shell fragments scattered over a 20 meters E-W by 10 meters N-S. The fragments lack integrity of location and association.

RECOMMENDATIONS

Two cultural resource isolated finds and one paleontological find were recorded in the project area. All of these finds are considered to be non-significant to the archaeological and paleontological record. Therefore it is recommended that the proposed project proceed as planned.

This investigation was conducted with techniques which are considered to be adequate for evaluating cultural and paleontological resources which could be adversely affected by the project. However, should such resources be discovered during construction, a report should be made immediately to the BLM District Archaeologist, Vernal District Office, Vernal, Utah.

APPLICATION FOR TEMPORARY CHANGE OF WATER

STATE OF UTAH

Rec. by _____

Fee Paid \$ _____

Receipt # _____

Microfilmed _____

Roll # _____

For the purpose of obtaining permission to make a temporary change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Section 73-3-3 Utah Code Annotated 1953, as amended.

CHANGE APPLICATION NUMBER: a17992

WATER RIGHT NUMBER: 47 - 1437

This Change Application proposes to change the PLACE OF USE and NATURE OF USE.

1. OWNERSHIP INFORMATION.

A. NAME: Keith Hicken
c/o Dalbo Inc.
ADDRESS: Route 3, Myton, UT 84052

B. PRIORITY OF CHANGE: April 18, 1994

FILING DATE: April 18, 1994

C. RIGHT EVIDENCED BY: A26762

* DESCRIPTION OF CURRENT WATER RIGHT: *

2. SOURCE INFORMATION.

A. QUANTITY OF WATER: 1.85 cfs

B. DIRECT SOURCE: Gorman Draw COUNTY: Duchesne

C. POINT OF DIVERSION -- SURFACE:
(1) N 475 feet W 40 feet from S $\frac{1}{2}$ corner, Section 12, T 4S, R 2W, USBM

3. STORAGE. Water is diverted for storage into:

(1) Gorman Draw reservoir, from Jan 1 to Dec 31.

CAPACITY: 80.000 ac-ft.

Area inundated includes all or part of the following legal subdivisions:

BASE TOWN	RANG	SEC	NORTH-EAST $\frac{1}{4}$				NORTH-WEST $\frac{1}{4}$				SOUTH-WEST $\frac{1}{4}$				SOUTH-EAST $\frac{1}{4}$			
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
SL	4S	2W	12															
			13		X													

Temporary Change

4. WATER USE INFORMATION.

The Water Right represented by this change application is SUPPLEMENTAL to other Water Rights.

IRRIGATION: from Apr 15 to Oct 15. IRRIGATING: 82.70 acres.
SOLE SUPPLY: 50.00 acres

*-----

5. PLACE OF USE. (Which includes all or part of the following legal subdivisions:)

BASE TOWN RANG SEC	NORTH-EAST:				NORTH-WEST:				SOUTH-WEST:				SOUTH-EAST:			
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
SL 4S 2W 12				XXX				XXX				XXX	X		X	X
13	X			XXX				XXX				XXX		X		

6. EXPLANATORY.

FLOW: Claims 1350 and 1437 limited to a combined flow of 1.85 c.f.s.

*-----
* THE FOLLOWING CHANGES ARE PROPOSED:
*-----

7. SOURCE INFORMATION.

- A. QUANTITY OF WATER: 4.0 acre-feet REMAINING WATER: Same as HERETOFORE
- B. DIRECT SOURCE: Unnamed Pond COUNTY: Duchesne
- C. POINT(S) OF DIVERSION -- SURFACE: Same as HERETOFORE.
- D. COMMON DESCRIPTION: 4 miles south of Myton

8. STORAGE. Same as HERETOFORE

9. WATER USE INFORMATION. Changed as Follows:

OIL EXPLORATION from Apr 18 to Apr 17. Drilling and completion of wells in the
Monument Buttes & South Myton Areas.

*-----

. PLACE OF USE. Changed as Follows:

11. SIGNATURE OF APPLICANT(S).

The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application, through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

Signature of Applicant(s)

12. SIGNATURE OF APPLICANT(S).

The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application, through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

Keith Hickman by Ken
Signature of Applicant(s)

UINTAH BASIN DISTRICT HEALTH DEPARTMENT

Reply To:

Utah County Courthouse, Rm 20, Vernal, UT 84078 - (801) 781-0770 ☒

Duchesne County Courthouse, Box 210, Duchesne, UT 84021 - (801) 738-5370 ☐

Daggett County Courthouse, Box 156, Manila, UT 84046 - (801) 784-3494 ☐

Roosevelt Branch Office, 57 No. 100 East (83-7), Roosevelt, UT 84066 - (801) 722-5085 ☐

Joseph B. Shaffer, M.A.
Director
Health Officer
Lorraine Wilson, R.N.
Nursing Supervisor
Lowell Card, R.S.
Environmental Health
Supervisor
Carma Preece
Office Manager

Board of Health Members
LaRae Sadlier
Thomas Howells
Alton Moon
William Durant, M.D.
Keith Goodspeed
Ellen Rawlings
Neal Domgaard
Richard Jolley, D.D.S.

UINTAH BASIN DISTRICT HEALTH DEPARTMENT

Wastewater Permit Application
for Drilling Sites

FOR DEPARTMENT USE ONLY

Permit #: _____
Fee (\$55.00) received _____
Approved: _____
Date: _____

DRILLING COMPANY Nabors Drilling U.S.A.

RESPONSIBLE PARTY Larry Larson

ADDRESS 2801 Youngfield St., #178, Golden, CO

PHONE NUMBER 303/234-1444

DRILLING FOR PG & E Resources Company

SITE LOCATION Federal #21-9H, NE NW Sec. 9, T9S - R17E, Duchesne County

APPROXIMATE DATES 7/30/94 TO 12/30/94

SERVICES: POTABLE WATER [X] YES [] NO, SUPPLIER Rocket Sanitation

CHEMICAL TOILETS [X] YES [] NO, SUPPLIER Rocket Sanitation

LIVING OR OFFICE UNITS: BUNKHOUSES 0

MOBILE HOMES 3

REC. VEHICLES 1

TOTAL UNITS

4

TOTAL PERSONNEL AT SITE

Approx. 8

WASTEWATER DISPOSAL PROPOSED:

X HOLDING TANK AND SCAVENGER PUMPING SERVICE If this system is used, indicate the licensed scavenger employed Rocket Sanitation

SEPTIC TANK AND ABSORPTION SYSTEM If this system is proposed, please supply the following information:

1. A soil log prepared by a certified engineer or sanitarian using the unified soil classification system at least four feet below the intended absorption system depth.

2. Indicate the type of absorption system intended

[] Absorption field

[] Seepage trench

[] Seepage pit

[] Absorption bed

OTHER Describe proposal in detail on an attached sheet.

In the space below provide a sketch or drawing of the site indicating:

1. Location of water supply and plumbing
2. Location of living units, offices etc.
3. Proposed wastewater system layout including septic tank or holding tank and absorption system if any.

See rig layouts and topographic maps attached.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/18/94

API NO. ASSIGNED: 43-013-31458

WELL NAME: FEDERAL 21-9H
OPERATOR: PG & E RESOURCES CO. (N0595)

PROPOSED LOCATION: N
NENW 09 - T09S - R21E
SURFACE: 0660-FNL-1979-FWL
BOTTOM: 0660-FNL-1979-FWL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: U - 50750

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

✓ Plat
✓ Bond: Federal ✓ State[] Fee[]
 (Number 4-187011)
N Potash (Y/N)
N Oil shale (Y/N)
✓ Water permit
 (Number 47-1437)
N RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____
✓ R649-3-2. General.
___ R649-3-3. Exception.
___ Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: _____

CONFIDENTIAL
PERIOD

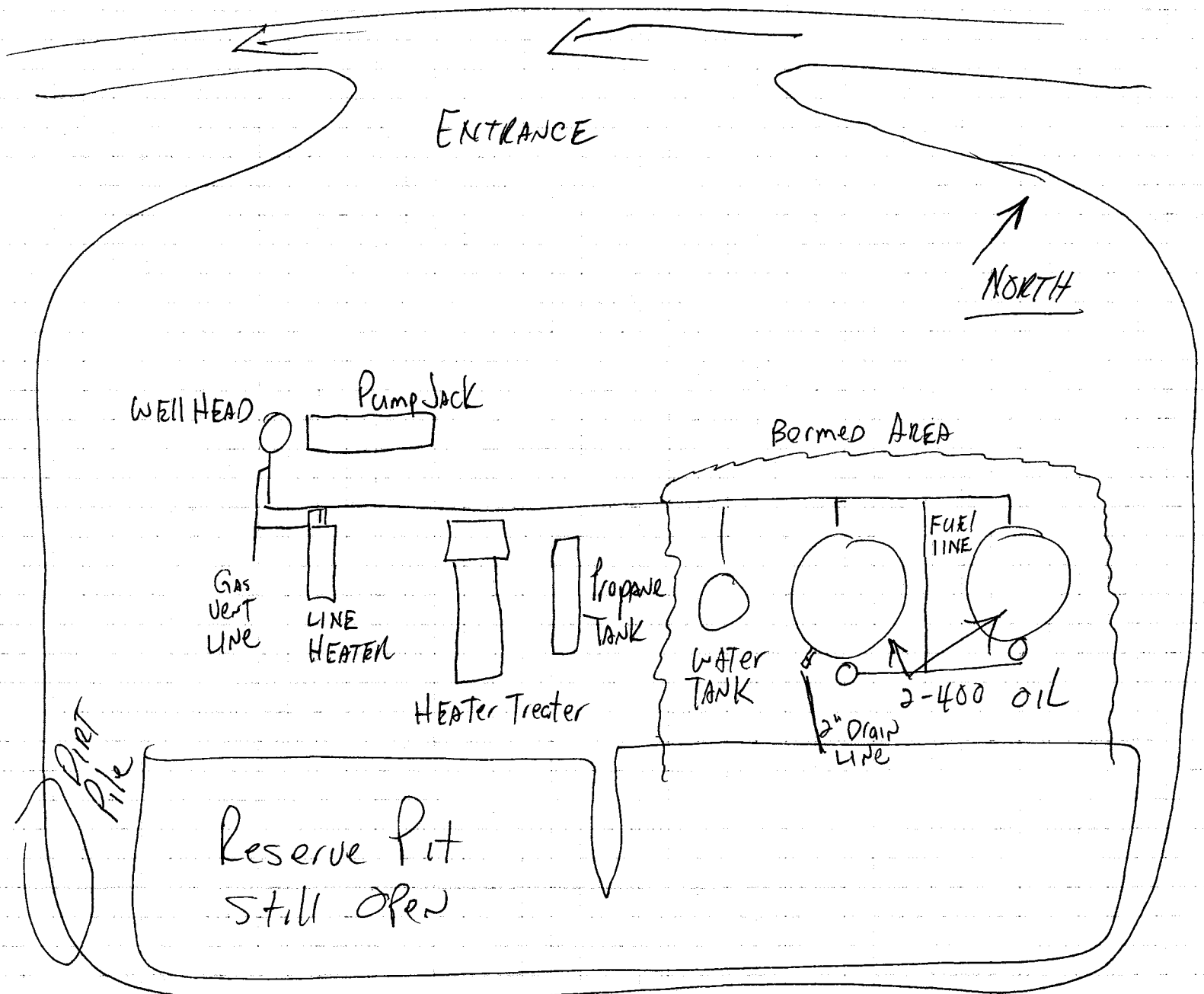
EXPIRED
ON 12-18-95

STIPULATIONS: _____

PG&E RESOURCES

FEDERAL #21-9H
Sec 9 ; T9S ; R17E

43-013-31458



11/30/94

Dennis Lyne

EQUIPMENT INVENTORY
UTAH DIVISION OF OIL, GAS AND MINING
STATE OF UTAH

Operator: PG & E RESOURCES Lease: State: Federal: Y Indian: Fee:

Well Name: FEDERAL #21-9H API Number: 43-013-31458

Section: 9 Township: 9S Range: 17E County: DUCHESNE Field: MONUMENT BUTTE

Well Status: POW Well Type: Oil: OIL Gas:

PRODUCTION LEASE EQUIPMENT: (NUMBER)

Boiler(s): Compressor(s): Separator(s): Dehydrator(s):

Shed(s): Line Heater(s): Y Heated Separator(s): VRU:

Heater Treater(s): Y

PUMPS:

Triplex: Chemical: Y Centrifugal: Y

LIFT METHOD:

Pumpjack: Y Hydraulic: Submersible: Flowing:

GAS EQUIPMENT: (NUMBER)

Purchase Meter: N Sales Meter: N

TANKS:

NUMBER

SIZE

Oil Storage Tank(s): YES 2-400'S W/BURNERS BBLs

Water Tank(s): YES 1-80 TANK BBLs

Power Water Tank: BBLs

Condensate Tank(s): BBLs

Propane Tank: (1)

Central Battery Location: (IF APPLICABLE)

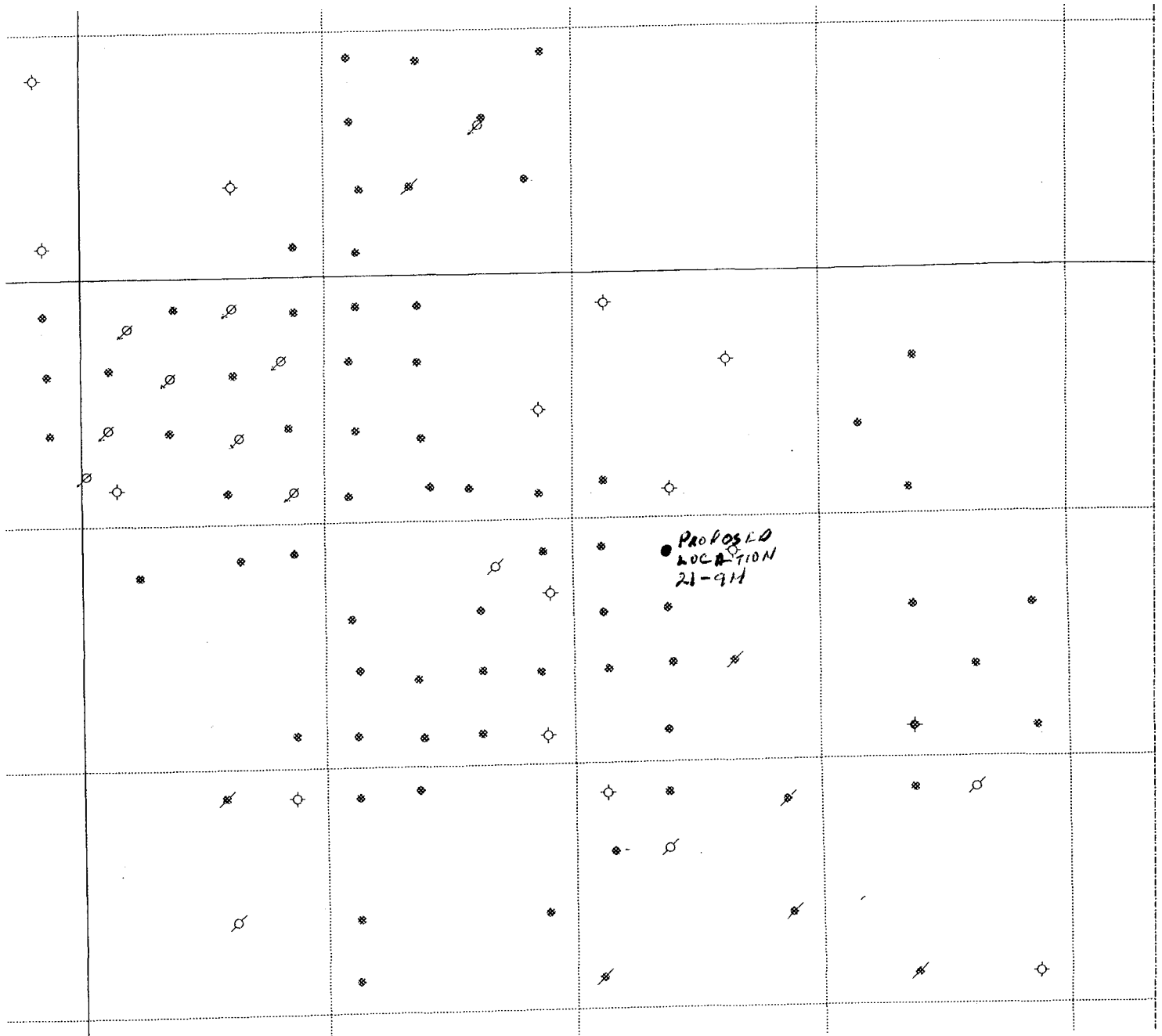
Qtr/Qtr: Section: Township: Range:

REMARKS: GLYCOL CENTRIFUGAL PUMP FOR HEAT TRACE.

EQUIPMENT RUNNING ON CASING GAS.

Inspector: DENNIS INGRAM Date: 11/30/94

MONUMENT BUTTE LOCATIONS FOR FEDERAL 21-8H, 22-8H, 14-9H, & 21-9H



STATE OF UTAH

Operator: PG & E RESOURCES CO.	Well Name: FEDERAL 21-9H
Project ID: 43-013-31458	Location: SEC. 09 - T09S - R17E

Design Parameters:

Mud weight (8.60 ppg) : 0.447 psi/ft
 Shut in surface pressure : 2378 psi
 Internal gradient (burst) : 0.058 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using buoyed weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	6,125	5.500	17.00	K-55	ST&C	6,125	4.767	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Yield Strgth S.F. (psi)	Tension Load Strgth S.F. (kips) (kips)		
1	2736	4910	1.794	2736	5320	1.94	90.43	252 2.79 J

Prepared by : FRM, Salt Lake City, UT
 Date : 09-13-1994
 Remarks :

Minimum segment length for the 6,125 foot well is 1,000 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas
 temperature of 105°F (Surface 74°F , BHT 135°F & temp. gradient 1.000°/100 ft.)
 The mud gradient and bottom hole pressures (for burst) are 0.447 psi/ft and
 2,736 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-
 line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with
 evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body
 Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and
 Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.06)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 5 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

UTAH ACCOUNT NUMBER: N0595

PRODUCTION DEPT
 PG&E RESOURCES COMPANY
 6688 N CENTRAL EXP #1000
 DALLAS TX 75206-3922

REPORT PERIOD (MONTH/YEAR): 8 / 94

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FEDERAL 7-24B				✓		✓ UTH 68625	(w. willow creek?)	
4304732227	11508	09S 19E 24						
✓ FEDERAL 15-24B						✓ UTH 68625	(west willow creek unit)	
4304732420	11509	09S 19E 24	GRRV					
✓ FEDERAL 5-24B						✓ UTH 68625	(west willow creek unit)	
4304732447	11585	09S 19E 24	GRRV					
✓ Blue Diamond 13-13B				✓		✓ FEE	* 10-6-94 Bond updated. (w. willow creek?)	
4304732457	99999	9S 19E 13	D.L.					
✓ State 15-14B						✓ ML 45243	(w. willow creek)	
4304732450	99999	9S 19E 24	"					
✓ Federal 7-19B						✓ UTH 65218		
4304732479	11632	9S 19E 19	"					
✓ Federal 2-19						✓ U 65218		
4304732477	99999	9S 19E 19	"					
✓ State 31-32						✓ ML 22058		
4304732500	11645	8S 18E 32	GRRV					
✓ Federal 41-29						✓ U 19267		
4304732495	11646	9S 18E 29	GRRV					
✓ Federal 13-20						✓ U 13905	(Rec'd 10-21-94)	
4301331445	99999	9S 17E 20	"					
✓ Federal 44-18						✓ U 16544		
4304732498	99999	9S 17E 18	"					
✓ Federal 22-8H						✓ U 10760	"	
4301331457	11675	9S 17E 8	"					
✓ Federal 14-9H						✓ U 50750		
4301331459	11677	9S 17E 9	"					
✓ Federal 21-9H						✓ U 50750		
4301331458	11676	9S 17E 9	"					
✓ Federal 21-8H						✓ U 10760		
4301331460	99999	9S 17E 8	"					
✓ State 42-32						✓ ML 22058		
4304732473	99999	8S 18E 32	"					
COMMENTS:								
✓ Federal 23-29						✓ U-19267		
4304732556	99999	9S 18E 29	"					

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 13, 1994

PG & E Resources Company
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206

Re: Federal #21-9H Well, 660' FNL, 1979' FWL, NE NW, Sec. 9, T. 9 S., R. 17 E.,
Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

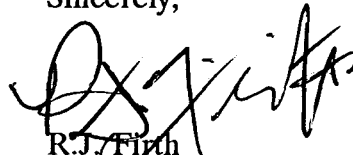


Page 2
PG & E Resources Company
Federal #21-9H Well
September 13, 1994

6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31458.

Sincerely,



R.J. Firth
Associate Director

ldc

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office
WO11

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

Other Instructions
Reverse Side

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

SEP 15 1994

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

1b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐ OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Federal

2. NAME OF OPERATOR 214/750-3800

PG & E Resources Company

6688 N. Central Expressway,
Suite 1000 Dallas, TX 75206

3. ADDRESS OF OPERATOR 303/452-8888

PERMITCO INC. - Agent

13585 Jackson Drive
Denver, CO 80241

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At Surface

660' FNL and 1979' FWL

At proposed Prod. Zone

NE NW Sec. 9, T9S - R17E

9. WELL NO.

#21-9H

10. FIELD AND POOL OR WILDCAT

Pleasant Valley

11. SEC. T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 9, T9S - R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

13 miles south of Myton, Utah

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY
OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

479.26

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL,
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

6125'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5233' GR

22. APPROX. DATE WORK WILL START*

August 15, 1994

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	350'	110 cubic feet, circ to surface.
7-7/8"	5-1/2"	17#	6,125'	1000 cubic feet or suffic. to

cover zones of interest.

PG & E Resources Company proposes to drill a well to 6125' to test the Green River formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Order No. 1 attached.

CONFIDENTIAL - TIGHT HOLE

Please be advised that PG & E Resources Company is considered to be the Operator of the above mentioned well. PG & E Resources Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. U-187011. The principal is PG & E Resources Company via surety consent as provided for in 43 CFR 3104.2.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

[Signature]

Consultant for:

TITLE PG & E Resources Co.

DATE 07/14/94

(This space for Federal or State office use)

PERMIT NO.

43-012-31458

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

[Signature]

TITLE

ASSISTANT DISTRICT
MANAGER MINERALS

DATE

SEP 13 1994

cc: Utah Division of Oil, Gas & Mining

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

TO OPERATOR'S COPY

RECEIVED

Div OG&M

11-080-400-129

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: PG & E RESOURCES COMPANY

Well Name & Number: FEDERAL 21-9H

API Number: 43-013-31458

Lease Number: U-50750

Location: NENW Sec. 9 T. 9S R. 17E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany Oil Shale, identified at ± 2775 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to ± 2575 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

6. Notifications of Operations

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne Bankert (801) 789-4170
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COAs)

Plans for Restoration of Surface

The seed mixture for reclamation work will be a sight specific mixture as recommended by the authorized officer of the BLM at the time of reclamation. Seeding will be performed in the fall after September 15 or until permanent ground freeze. Any other seeding period will require the approval of the authorized officer of the BLM.

Additional Surface Conditions of Approval

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

If archaeologic or paleontologic resources are found or uncovered during ground disturbing activities, PG & E will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer. Workers for PG & E or their contractors will not collect any paleontologic or archaeologic materials.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

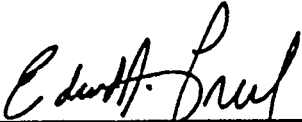
State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION, WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF "DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D. 1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.




Edward J. Freel, Secretary of State

2261176 8100M

944175519

AUTHENTICATION:

7242629

DATE:

09-19-94

**CERTIFICATE OF OWNERSHIP
AND MERGER**

MERGING

**PG&E Resources Offshore Company
a Delaware corporation**

INTO

**PG&E Resources Company
a Delaware corporation**

**(Pursuant to Section 253 of the General Corporation
Law of the State of Delaware)**

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

FIRST: That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

SECOND: That Resources owns all of the outstanding shares of the capital stock of Offshore.

THIRD: That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

"RESOLVED, that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assume all of the obligations of Offshore at such time;

RESOLVED, that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

RESOLVED, that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver

or cause to be executed and delivered, in the name of and on behalf of Resources, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of Resources (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co.".

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams
Name: Joseph T. Williams
Title: President

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

NAME OF COMPANY: PG & E RESOURCES

WELL NAME: FEDERAL 21-9H

API NO. 43-013-31458

Section 9 Township 9S Range 17E County DUCHESNE

Drilling Contractor CIRCLE "L"

Rig # 18

SPUDDED: Date 9/26/94

Time 10:00 AM

How DRY HOLE

Drilling will commence

Reported by JAKE NEVES

Telephone #

Date 9/26/94 SIGNED D. INGRAM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1979' FWL

NE/4 NW/4 Section 9, T9S-R17E

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 21-9H

9. API Well No.

43-013-31458

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

CONFIDENTIAL

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Spud & Set Surf. Csg.
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PG&E Resources Company spud the Federal 21-9H on 09/28/94. 9-5/8" surface casing was run & set @350'. It was cemented with 200sx Class G as shown on the attached daily drilling report.

14. I hereby certify that the foregoing is true and correct

Signed

Candy B. Deuster

Title Supervisor Regulatory Compliance

Date 09/30/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

WELL HISTORY

Federal 21-9H
Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

09-28-94 Bill Jr. rat hole drill to 350'. POOH, LD DP & DC. Will run & cmt 9-5/8" today.

09-29-94 Run 8 jts 9-5/8", 36#, K-55 csg to 35' & cmt with 200 sx Class G + 1/4#/sk CelloFlake mix at 15.8 ppg with 1.15 yield. Pump plug with 800 psi, circ 70 sx cmt to pit, floats held. RD Dowell.

09-30-94 No activity.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR PG&E Resources Company
ADDRESS 6688 N. Central Expwy., Suite 1000
Dallas, TX 75206

OPERATOR ACCT. NO. N 0595

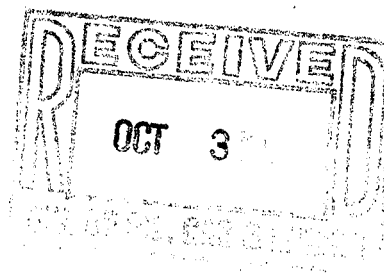
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11675	43-013-31457	Federal 22-8H	NW	8	9S	17E	Duchesne	09/13/94	
WELL 1 COMMENTS: <i>Entities added 10-5-94. Jec</i>											
A	99999	11676	43-013-31458	Federal 21-9H	NW	9	9S	17E	Duchesne	09/28/94	
WELL 2 COMMENTS:											
A	99999	11677	43-013-31459	Federal 14-9H	SW	9	9S	17E	Duchesne	09/25/94	
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See Instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)



Cindy B. Feister
Signature
Supervisor
Regulatory Compliance Date 09/30/94
Phone No. (214) 706-3640

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1979' FWL
NE/4 NW/4 Section 9, T9S-R17E

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 21-9H

9. API Well No.

43-013-31458

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

CONFIDENTIAL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut-Off
☐ Altering Casing ☐ Conversion to Injection
☒ Other Drilling History ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached daily drilling reports.

14. I hereby certify that the foregoing is true and correct

Signed

Carol B. Heister

Title

Supervisor Regulatory Compliance

Date

10/06/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

WELL HISTORY

Federal 21-9H
Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

09-28-94 Bill Jr. rat hole drill to 350'. POOH, LD DP & DC. Will run & cmt 9-5/8" today.

09-29-94 Run 8 jts 9-5/8", 36#, K-55 csg to 35' & cmt with 200 sx Class G + 1/4#/sk CelloFlake mix at 15.8 ppg with 1.15 yield. Pump plug with 800 psi, circ 70 sx cmt to pit, floats held. RD Dowell.

09-30-94 No activity.

10-01-94 WO rig. DROP UNTIL FURTHER ACTIVITY.

10-07-94 Will MI today.

DALEN Resources
Oil & Gas Co.



October 5, 1994

OCT 11

Lisha Romero
State Oil & Gas Office
3 Triad Center
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson
Regulatory Analyst

JJ/sw
Enclosures

cc: Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

OCT 17 1994

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

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660' FNL & 1979' FWL
NE/4 NW/4 Section 9, T9S-R17E

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

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NA

8. Well Name and No.

Federal 21-9H

9. API Well No.

43-013-31458

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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TYPE OF ACTION

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☒ Other Drilling History ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

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See attached daily drilling reports.

14. I hereby certify that the foregoing is true and correct

Signed

Cindy D. Heister

Title

Supervisor Regulatory Compliance

Date

10/14/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

WELL HISTORY

Federal 21-9H
Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

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09-30-94 No activity.

10-01-94 WO rig. DROP UNTIL FURTHER ACTIVITY.

10-07-94 Will MI today.

10-08-94 RU & NU BOPE.

10-09-94 Drilling 900', day 1, 580'/13½ hrs, wtr. Fin NU & testing BOPE, drill cmt & drill ahead.

10-10-94 Trip for washout 1916', day 2, 1016'/20½ hrs, wtr. Drill, survey & trip for washout. Survey ½° at 907' & ¾° at 1431'.

10-11-94 Trip 2780', day 3, 864'/18½ hrs, wtr. Drill & survey. Drill ahead, gas kick at 2780'. Put on rotating head, gas units 2400 down to 300. Will make trip for bit when down to 200. Survey 1¾° at 1971' & 1½° at 2481'.

10-12-94 Drilling 3375', day 4, 595'/16½ hrs, wtr. Install rotating head, pump in 100 bbl brine, trip out for NB & work BOPE. TIH, ream 45' (no fill), drill & survey ahead. Survey 4° at 2978' & 2¾° at 3133'.

10-13-94 Drilling 4220', day 5, 845'/23 hrs, wtr. Drill & survey. Survey 2½° at 3487', 1¾° at 3999'.

10-14-94 Drilling 4850', day 6, 630'/18½ hrs, wtr. Drill, survey, trip for washout. Drill ahead. Survey 2° at 4525'.

DALEN Resources
Oil & Gas Co.



October 18, 1994

Lisha Cordova
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Lisha:

In reference to our telephone conversation on October 17, I have enclosed copies of the following Sundry notices you requested.

Federal #13-20	Duchesne Co., Utah
Federal #22-8H	Duchesne Co., Utah
Federal #14-9H	Duchesne Co., Utah
Federal #21-8H	Duchesne Co., Utah
Federal #21-9H	Duchesne Co., Utah
Federal #42-32	Unitah Co., Utah
✓ Federal #32-31	Unitah Co., Utah

If you have any questions or need additional information, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in black ink that reads "Jim Johnson". The signature is written in a cursive, flowing style.

Jim Johnson
Regulatory Analyst

JJ/sw
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

OUT 21

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DALEN Resources Oil & Gas Co.

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1979' FWL

NE/4 NW/4 Section 9, T9S-R17E

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 21-9H

9. API Well No.

43-013-31458

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Operator name change
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. effective 10/1/94.

14. I hereby certify that the foregoing is true and correct

Signed

Jm Johnson

Title Regulatory Analyst

Date 10/11/1994

(This space for Federal or State office use)

Approved by

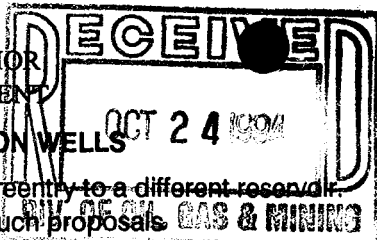
Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1979' FWL

NE/4 NW/4 Section 9, T9S-R17E

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 21-9H

9. API Well No.

43-013-31458

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

CONFIDENTIAL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Drilling History</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached daily drilling reports.

14. I hereby certify that the foregoing is true and correct

Signed

Candy B. Reister

Title Supervisor Regulatory Compliance

Date 10/21/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

WELL HISTORY

Federal 21-9H
Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

09-28-94 Bill Jr. rat hole drill to 350'. POOH, LD DP & DC. Will run & cmt 9-5/8" today.

09-29-94 Run 8 jts 9-5/8", 36#, K-55 csg to 35' & cmt with 200 sx Class G + 1/4#/sk CelloFlake mix at 15.8 ppg with 1.15 yield. Pump plug with 800 psi, circ 70 sx cmt to pit, floats held. RD Dowell.

09-30-94 No activity.

10-01-94 WO rig. DROP UNTIL FURTHER ACTIVITY.

10-07-94 Will MI today.

10-08-94 RU & NU BOPE.

10-09-94 Drilling 900', day 1, 580'/13½ hrs, wtr. Fin NU & testing BOPE, drill cmt & drill ahead.

10-10-94 Trip for washout 1916', day 2, 1016'/20½ hrs, wtr. Drill, survey & trip for washout. Survey ½° at 907' & ¾° at 1431'.

10-11-94 Trip 2780', day 3, 864'/18½ hrs, wtr. Drill & survey. Drill ahead, gas kick at 2780'. Put on rotating head, gas units 2400 down to 300. Will make trip for bit when down to 200. Survey 1¾° at 1971' & 1½° at 2481'.

10-12-94 Drilling 3375', day 4, 595'/16½ hrs, wtr. Install rotating head, pump in 100 bbl brine, trip out for NB & work BOPE. TIH, ream 45' (no fill), drill & survey ahead. Survey 4° at 2978' & 2¾° at 3133'.

10-13-94 Drilling 4220', day 5, 845'/23 hrs, wtr. Drill & survey. Survey 2½° at 3487', 1¾° at 3999'.

10-14-94 Drilling 4850', day 6, 630'/18½ hrs, wtr. Drill, survey, trip for washout. Drill ahead. Survey 2° at 4525'.

10-15-94 Drilling 5380', day 7, 530'/17½ hrs, wtr. Drill & survey. Survey 2¾° at 5018', trip for 2 WO.

10-16-94 Drilling 5918', day 8, 538'/18½ hrs, wtr. Drill & survey. Survey 2½° at 5545', trip for WO.

WELL HISTORY

Federal 21-9H

Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

- 10-17-94 Trip 6125', day 9, 207¹/₂ hrs, wtr. Survey 1¹/₄° at 6125', drilled to 6125', circ out, run DLL, FDC-CNL, TIH.
- 10-18-94 Release rig, day 10, MW 8.4, Visc 26. GIH to 6125', circ for csg. POOH, LD DP & DC. RU & run 141 jts 5¹/₂", 17#, L-80, BT&C csg to 6125'. Circ csg, cmt with 390 sx Class G + 12% gel mix at 11.0 ppg with 3.91 yield followed by 540 sx Class G + 10% Gypsum mixed at 14.2 ppg with 1.61 yield, displace with 141.5 bbl 2% KCl. Pump broke down, rig pump would not buck 1100 psi, lacked 36 bbl from bumping plug. ND BOPE, set slips with 90,000 lbs, set back BOPE, clean mud tanks. **RR at 5:00am 10-18.**
- 10-19-94 PU BOPE, bevel top of 5¹/₂" csg stub. RU & test BOPE from blind flange down to 1500 psi. Change rams to 2-7/8", test to 1500 psi. RU power tongs, 4³/₄" cmt mill, 6 3-1/8" DC's, XO sub & 108 jts 2-7/8" tbg.
- 10-20-94 Fin PU tbg, tag cmt at 4271' & drill cmt to 6078' (float collar). Circ gel sweep, POOH.
- 10-21-94 Fin POOH, PU csg scraper & TIH to 6078'. Circ hole clean, displace with filtered 2% KCl. POOH, LD tbg & DC's. RD rig floor, change out 2-7/8" rams to 4¹/₂" pipe rams. **RR at 1:30am 10-21.** WO completion rig.

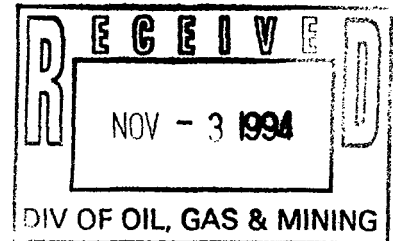
DALEN Resources
Oil & Gas Co.



October 31, 1994

Kent E. Johnson
Vice President
Exploration/Development

STATE OF UTAH NATURAL RESOURCES
OIL & GAS MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Gil Hunt



Re: Name Change
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN** Resources Oil & Gas Co. As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN** Resources Oil & Gas Co.. No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN** Resources Oil & Gas Co.

Very truly yours,

A handwritten signature in cursive script, reading "John R. Wingert".

John R. Wingert
Exploration Manager
Northern Division

JRW:lkd

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

1994

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" for such proposals OF OIL, GAS & MINING

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

660' FNL & 1979' FWL

NE/4 NW/4 Section 9, T9S-R17E

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 21-9H

9. API Well No.

43-013-31458

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Completion History
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached daily completion reports.

14. I hereby certify that the foregoing is true and correct

Signed

Cindy B. Deister

Title Supervisor Regulatory Compliance

Date

11/03/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WELL HISTORY

Federal 21-9H
Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

10-30-94

to

10-31-94

WO frac 11-1.

11-01-94

RU for frac, gel all fluids. Press test lines to 6000 psi for 15 min (ok), estab break down of 4000 psi at 8 BPM down csg. Pump 1000 gal 7½% HCl + add & 50 7/8" SG balls at 10-12 BPM with 1300-1500 psi, ball out to 4800 psi. Surge balls 3 times, SI for 15 min. Pump 238 bbl 35# gel pad + 47.6 bbl 35# gel with 2 ppg 16/30 Ottawa sand + 119 bbl 35# gel with 4 ppb 16/30 Ottawa sand + 24 bbl 35# gel with 6 ppb RC sand (lost prime). Displace with 126 35# gel, max press 4900 psi, min 2200 psi, avg 2000 psi at 40 BPM. Pump a total of 26,030 lbs 16/30 Ottawa sand & 6000 lbs RC sand, ISIP 1380 psi. Force close well for 30 min at 1 BPM, open well to pit at 5 BPM, rec'd approx 315 BLW, 440 BLWTR. RU Schlum & run GR to 5500'. Run & set Miller 5½" RBP at 5325'. Test BP to 2500 psi for 15 min (ok). Dump 2 sx sand on BP with dump bailer. Perf E-2 Sand with 4" HSC guns at 5192-5265' with 1 shot every 4', 19 holes total & perf the E-D Sand 5080-5100' with 1 SPF, 21 holes total. Test lines to 6000 psi for 15 min (ok). Est break down of 3197 psi at 4.5 BPM. Pump 1000 gal 7½% HCl + add & 60 7/8" SG balls, did not ball off completely, had good ball action. Pump acid + pre-pad at 10-12 BPM with 2550-3800 psi, surge balls 3 times & SWI for 15 min. Pump 238 bbl 35# gel pad, 47.6 bbl 35# gel with 2 ppg 16/30 Ottawa sand, 119 bbl 35# gel with 4 ppg 16/30 Ottawa sand, 71 bbl 35# gel with 6 ppg RC sand. Displace with 116 bbl 35# gel, SIP 2005 psi, max 4000 psi, avg 2000 psi, final 2200 psi at 40 BPM. Pump a total of 722 bbl gel & acid, 24,000 lbs 16/30 Ottawa sand & 19,380 lbs of RC sand. Force close well for 1 hr at 1 BPM, open well to pit at 5 BPM, rec'd approx 345 BLW, 377 BWLTR (817 BLWTR from both fracs).

11-02-94

Run & set Miller RBP at 5000', test BP to 2500 psi (ok). Dump 2 sx sand on BP with dump bailer. Perf Lower D Sand 4921-46' with 1 shot every 2' (13 holes), perf the Upper D Sand 4856-67' with 1 SPF (12 holes) & perf the DC-5 Sand 4791-4800' with 1 SPF (10 holes). RU Dowell, press test lines to 6000 psi for 15 min (ok). Estab break down of 2828 psi at 4.5 BPM down csg. Pump 1000 gal 7½% HCl + add & 60 7/8" SG balls at 10-12 BPM with 1850 psi, max 2500 psi press, did not ball out, had some ball action. Surge back balls 3 times, SWI for 15 min. Pump 238 bbl 35# gel pad, 47.6 bbl 35# gel with 2 ppg 16/30 Ottawa sand, 119 bbl 35# gel with 4 ppb 16/30 Ottawa sand + 47.6 bbl 35# gel with 6 ppb RC sand & flush with 109 bbl 35# gel, 1950 psi ISIP. Force close frac at 1 BPM for 1 hr, open well to pit at approx 5 BPM for 40 min, rec'd 260 BLW, 455 BLWTR. Run & set Miller RBP at 4250', test BP to 2500 psi & dump 2 sx sand on BP. Perf

WELL HISTORY

Federal 21-9H
Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

Federal 21-9H

11/02/94

Continued

Lower A Sand 4173-4202 with 1 SPF (30 holes); perf Middle A Sand 4156-60' with 1 SPF (5 holes). RU Dowell. Press test lines to 6000 psi for 15 min (ok). Etab break down of 2942 psi at 5 BPM down csg. Pump 1000 gal 7½% HCl + add & 60 7/8" SG balls, displace with 96 bbl 35# pre-pad, ball out to 4000 psi, surge 3 times & SWI for 15 min. Pump 23 bbl 35# pre-pad, 238 bbl 35# pad, 46.7 bbl 35# gel with 2 ppg 16/30 Ottawa sand, 119 bbl 35# gel with 4 ppg 16/30 Ottawa sand, 47.6 bbl 35# gel with 6 ppg RC sand & flush with 94 bbl 35# gel, ISIP 1854 psi. Force close well for 1 hr out 1 BPM, flow to pit until BU. Max press 2600 psi, final 2360 psi, avg 2200 psi. Pump a total of 713 BF & 24,000 lbs 16/30 Ottawa sand & 12,000 lbs RC sand. Rec'd 100 BLW, 613 BLWTR. SDFN.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a well, or for proposals to mine, gas or oil. Use "APPLICATION FOR PERMIT" for such proposals.

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 21-9H

9. API Well No.

43-013-31458

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

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660' FNL & 1979' FWL

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- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Completion History
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached daily completion reports.

CONFIDENTIAL

14. I hereby certify that the foregoing is true and correct

Signed

Cindy R. Gerst

Title Supervisor Regulatory Compliance

Date 11/18/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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WELL HISTORY

Federal 21-9H

Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

- min. Pump 238 bbl 35# gel pad, 47.6 bbl 35# gel with 2 ppg 16/30 Ottawa sand, 119 bbl 35# gel with 4 ppb 16/30 Ottawa sand + 47.6 bbl 35# gel with 6 ppb RC sand & flush with 109 bbl 35# gel, 1950 psi ISIP. Force close frac at 1 BPM for 1 hr, open well to pit at approx 5 BPM for 40 min, rec'd 260 BLW, 455 BLWTR. Run & set Miller RBP at 4250', test BP to 2500 psi & dump 2 sx sand on BP. Perf Lower A Sand 4173-4202 with 1 SPF (30 holes); perf Middle A Sand 4156-60' with 1 SPF (5 holes). RU Dowell. Press test lines to 6000 psi for 15 min (ok). Estab break down of 2942 psi at 5 BPM down csg. Pump 1000 gal 7½% HCl + add & 60 7/8" SG balls, displace with 96 bbl 35# pre-pad, ball out to 4000 psi, surge 3 times & SWI for 15 min. Pump 23 bbl 35# pre-pad, 238 bbl 35# pad, 46.7 bbl 35# gel with 2 ppg 16/30 Ottawa sand, 119 bbl 35# gel with 4 ppg 16/30 Ottawa sand, 47.6 bbl 35# gel with 6 ppg RC sand & flush with 94 bbl 35# gel, ISIP 1854 psi. Force close well for 1 hr out 1 BPM, flow to pit until BU. Max press 2600 psi, final 2360 psi, avg 2200 psi. Pump a total of 713 BF & 24,000 lbs 16/30 Ottawa sand & 12,000 lbs RC sand. Rec'd 100 BLW, 613 BLWTR. SDFN.
- 11-03-94 Open well w/0 psi, unable to get rig on location due to mud. MIRU Flint Engineering rig. Unable to get power tong to rig. SIFN.
- 11-04-94 RIH with Miller BP retrieving head on 2-7/8" tbg, tag sand at 4077'. Wash sand 4077-4250', circ clean, pull to 3975', SDFN.
- 11-05-94 No activity.
- 11-06-94 POOH with Miller BP retrieving head on 2-7/8" tbg, tag sand at 4981'. Circ out sand to 5000', circ clean, release BP. POOH with Miller RBP #1, RIH with Miller retrieving head on 2-7/8" tbg. Tag sand at 4981', circ out sand to BP at 5000', circ clean & POOH with BP #2. Run Miller retrieving head on 2-7/8" tbg to 5080', SD rig for repairs.
- 11-07-94 Attempt to set anchor, unable. Install BOPE. POOH with 2-7/8" tbg & anchor, change out anchor. RIH, set anchor at 5579'. PU pump, weight bars, ¾" slick rods & 7/8" rods. SDFN.
- 11-08-94 Open well with 100 psi, bleed off press. PU 93 7/8" rods with guides, 1 8' 7/8" pony with guides, 1 4' 7/8" pony with guides & 1½" polish rod. Space out pump & test to 500 psi for 15 min (ok). RDMO. DROP UNTIL SURF EQUIP INSTALLED.

WELL HISTORY

Federal 21-9H

Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

- 10-29-94 MI Schlum, run CBL 6078-300' without press, est TOC at 2770'. Re-run CBL 5700-4000' with 1000 psi on ann. Press test csg & BOPE to 5000 psi for 15 min (ok). Perf 5534-50' (34 holes) with 2 SPF using 4" HSC guns. RD Schlum, SWI. WO frac 11-1.
- 10-30-94
to
10-31-94 WO frac 11-1.
- 11-01-94 RU for frac, gel all fluids. Press test lines to 6000 psi for 15 min (ok), estab break down of 4000 psi at 8 BPM down csg. Pump 1000 gal 7½% HCl + add & 50 7/8" SG balls at 10-12 BPM with 1300-1500 psi, ball out to 4800 psi. Surge balls 3 times, SI for 15 min. Pump 238 bbl 35# gel pad + 47.6 bbl 35# gel with 2 ppg 16/30 Ottawa sand + 119 bbl 35# gel with 4 ppg 16/30 Ottawa sand + 24 bbl 35# gel with 6 ppg RC sand (lost prime). Displace with 126 35# gel, max press 4900 psi, min 2200 psi, avg 2000 psi at 40 BPM. Pump a total of 26,030 lbs 16/30 Ottawa sand & 6000 lbs RC sand, ISIP 1380 psi. Force close well for 30 min at 1 BPM, open well to pit at 5 BPM, rec'd approx 315 BLW, 440 BLWTR. RU Schlum & run GR to 5500'. Run & set Miller 5½" RBP at 5325'. Test BP to 2500 psi for 15 min (ok). Dump 2 sx sand on BP with dump bailer. Perf E-2 Sand with 4" HSC guns at 5192-5265' with 1 shot every 4', 19 holes total & perf the E-D Sand 5080-5100' with 1 SPF, 21 holes total. Test lines to 6000 psi for 15 min (ok). Est break down of 3197 psi at 4.5 BPM. Pump 1000 gal 7½% HCl + add & 60 7/8" SG balls, did not ball off completely, had good ball action. Pump acid + pre-pad at 10-12 BPM with 2550-3800 psi, surge balls 3 times & SWI for 15 min. Pump 238 bbl 35# gel pad, 47.6 bbl 35# gel with 2 ppg 16/30 Ottawa sand, 119 bbl 35# gel with 4 ppg 16/30 Ottawa sand, 71 bbl 35# gel with 6 ppg RC sand. Displace with 116 bbl 35# gel, SIP 2005 psi, max 4000 psi, avg 2000 psi, final 2200 psi at 40 BPM. Pump a total of 722 bbl gel & acid, 24,000 lbs 16/30 Ottawa sand & 19,380 lbs of RC sand. Force close well for 1 hr at 1 BPM, open well to pit at 5 BPM, rec'd approx 345 BLW, 377 BWLTR (817 BLWTR from both fracs).
- 11-02-94 Run & set Miller RBP at 5000', test BP to 2500 psi (ok). Dump 2 sx sand on BP with dump bailer. Perf Lower D Sand 4921-46' with 1 shot every 2' (13 holes), perf the Upper D Sand 4856-67' with 1 SPF (12 holes) & perf the DC-5 Sand 4791-4800' with 1 SPF (10 holes). RU Dowell, press test lines to 6000 psi for 15 min (ok). Estab break down of 2828 psi at 4.5 BPM down csg. Pump 1000 gal 7½% HCl + add & 60 7/8" SG balls at 10-12 BPM with 1850 psi, max 2500 psi press, did not ball out, had some ball action. Surge back balls 3 times, SWI for 15

Bureau of Land Management
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-01470A
(UT-923)

NOV 29 1994

CERTIFIED MAIL---Return Receipt Requested

DECISION

DALEN Resources Oil & Gas Co.	:	
6688 N. Central Expwy., #1000	:	Oil and Gas
Dallas, Texas 75206	:	U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this decision. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

/s/ ROBERT LOPEZ

Chief, Minerals
Adjudication Section

Enclosure
Exhibit

bc: Moab District Office w/encl.
Vernal District Office w/encl.
MMS-Data Management Division, Denver
UT-922 (Teresa Thompson) w/encl.

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2
To	LISHA CARDONA	
From	CHRIS MERRITT	
Co.	STATE OF UTAH	
Co.	BLM	
Dept.	OIL & GAS	
Phone #	539-4119	
Fax #	359-3940	
Fax #	539-4260	

CMerritt:dab 11/25/94 (U01470A)

List of Leases Affected

U-01470A	U-6632	UTU-65615	UTU-68631
U-01790	U-6634	UTU-66004	UTU-69024
U-02896A	U-7206	UTU-66027	UTU-69166
U-03505	U-10291	UTU-66033	UTU-69482
U-03576	U-10760	UTU-66184	UTU-69744
U-013429A	U-11385	UTU-66185	UTU-72104
U-013765	U-12942	UTU-66187	UTU-73087
U-013766	U-13905	UTU-66193	UTU-73089
U-013767	U-14236	UTU-66484	UTU-73433
U-013769	U-15392	UTU-66743	UTU-73512
U-013769A	U-16172	UTU-67168	U-47453 ROW
U-013769B	U-16535	UTU-67841	U-49204 ROW
U-013769C	U-16539	UTU-67857	U-49205 ROW
U-013792	U-16544	UTU-67996	U-49223 ROW
U-013793	U-17036	UTU-67997	U-49236 ROW
U-013793A	U-17424	UTU-68108	U-49243 ROW
U-013794	U-19267	UTU-68109	U-50487 ROW
U-013818A	U-30096	UTU-68316	U-50488 ROW
U-013820	U-39221	UTU-68328	U-50497 ROW
U-013821A	U-39713	UTU-68330	U-50806 ROW
U-017713	U-39714	UTU-68338	U-50809 ROW
U-035316	U-40026	UTU-68346	U-50825 ROW
U-037164	U-46825	UTU-68347	U-50833 ROW
U-0141644	U-47171	UTU-68348	U-53910 ROW
U-0143519	U-49092	UTU-68388	U-54803 ROW
U-0143520A	U-50750	UTU-68402	U-61946 ROW
U-0143521A	U-52765	UTU-68544	U-63969 ROW
U-0147541	U-55626	UTU-68548	UTU-69111 ROW
U-0147541A	U-58546	UTU-68619	
U-2838	U-61052	UTU-68624	
U-6610	U-61189	UTU-68625	
U-6612	U-62657	UTU-68626	
U-6615	UTU-65218	UTU-68627	

U-034217A *Confirmed BLM/SL
11-29-94 JEC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1979' FWL
NE/4 NW/4 Section 9, T9S-R17E

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 21-9H

9. API Well No.

43-013-31458

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other First Production
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PG&E Resources put the Federal 21-9H on production 11/18/94. The well is on pump and producing approximately 53 BOPD & 35 BLWPD as shown on the attached daily report.

14. I hereby certify that the foregoing is true and correct

Signed

Cindy R. Keister

Title Supervisor Regulatory Compliance

Date 12/02/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

WELL HISTORY

Federal 21-9H
Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

11-07-94 Attempt to set anchor, unable. Install BOPE. POOH with 2-7/8" tbg & anchor, change out anchor. RIH, set anchor at 5579'. PU pump, weight bars, 3/4" slick rods & 7/8" rods. SDFN.

11-08-94 Open well with 100 psi, bleed off press. PU 93 7/8" rods with guides, 1 8' 7/8" pony with guides, 1 4' 7/8" pony with guides & 1 1/2" polish rod. Space out pump & test to 500 psi for 15 min (ok). RDMO. DROP UNTIL SURF EQUIP INSTALLED.

11-18-94 Prod 0 BO, 120 BLW.

11-19-94 Prod 20 BO, 85 BLW.

11-20-94 Prod 47 BO, 64 BLW.

11-21-94 Prod 53 BO, 35 BLW. FINAL REPORT.

WELL HISTORY

Federal 21-9H
Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

- 11-02-94 Run & set Miller RBP at 5000', test BP to 2500 psi (ok). Dump 2 sx sand on BP with dump bailer. Perf Lower D Sand 4921-46' with 1 shot every 2' (13 holes), perf the Upper D Sand 4856-67' with 1 SPF (12 holes) & perf the DC-5 Sand 4791-4800' with 1 SPF (10 holes). RU Dowell, press test lines to 6000 psi for 15 min (ok). Estab break down of 2828 psi at 4.5 BPM down csg. Pump 1000 gal 7½% HCl + add & 60 7/8" SG balls at 10-12 BPM with 1850 psi, max 2500 psi press, did not ball out, had some ball action. Surge back balls 3 times, SWI for 15 min. Pump 238 bbl 35# gel pad, 47.6 bbl 35# gel with 2 ppg 16/30 Ottawa sand, 119 bbl 35# gel with 4 ppg 16/30 Ottawa sand + 47.6 bbl 35# gel with 6 ppg RC sand & flush with 109 bbl 35# gel, 1950 psi ISIP. Force close frac at 1 BPM for 1 hr, open well to pit at approx 5 BPM for 40 min, rec'd 260 BLW, 455 BLWTR. Run & set Miller RBP at 4250', test BP to 2500 psi & dump 2 sx sand on BP. Perf Lower A Sand 4173-4202 with 1 SPF (30 holes); perf Middle A Sand 4156-60' with 1 SPF (5 holes). RU Dowell. Press test lines to 6000 psi for 15 min (ok). Estab break down of 2942 psi at 5 BPM down csg. Pump 1000 gal 7½% HCl + add & 60 7/8" SG balls, displace with 96 bbl 35# pre-pad, ball out to 4000 psi, surge 3 times & SWI for 15 min. Pump 23 bbl 35# pre-pad, 238 bbl 35# pad, 46.7 bbl 35# gel with 2 ppg 16/30 Ottawa sand, 119 bbl 35# gel with 4 ppg 16/30 Ottawa sand, 47.6 bbl 35# gel with 6 ppg RC sand & flush with 94 bbl 35# gel, ISIP 1854 psi. Force close well for 1 hr out 1 BPM, flow to pit until BU. Max press 2600 psi, final 2360 psi, avg 2200 psi. Pump a total of 713 BF & 24,000 lbs 16/30 Ottawa sand & 12,000 lbs RC sand. Rec'd 100 BLW, 613 BLWTR. SDFN.
- 11-03-94 Open well w/o psi, unable to get rig on location due to mud. MIRU Flint Engineering rig. Unable to get power tong to rig. SIFN.
- 11-04-94 RIH with Miller BP retrieving head on 2-7/8" tbg, tag sand at 4077'. Wash sand 4077-4250', circ clean, pull to 3975', SDFN.
- 11-05-94 No activity.
- 11-06-94 POOH with Miller BP retrieving head on 2-7/8" tbg, tag sand at 4981'. Circ out sand to 5000', circ clean, release BP. POOH with Miller RBP #1, RIH with Miller retrieving head on 2-7/8" tbg. Tag sand at 4981', circ out sand to BP at 5000', circ clean & POOH with BP #2. Run Miller retrieving head on 2-7/8" tbg to 5080', SD rig for repairs.

WELL HISTORY

Federal 21-9H

Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

- 10-29-94 MI Schlum, run CBL 6078-300' without press, est TOC at 2770'. Re-run CBL 5700-4000' with 1000 psi on ann. Press test csg & BOPE to 5000 psi for 15 min (ok). Perf 5534-50' (34 holes) with 2 SPF using 4" HSC guns. RD Schlum, SWI. WO frac 11-1.
- 10-30-94
to
10-31-94 WO frac 11-1.
- 11-01-94 RU for frac, gel all fluids. Press test lines to 6000 psi for 15 min (ok), estab break down of 4000 psi at 8 BPM down csg. Pump 1000 gal 7½% HCl + add & 50 7/8" SG balls at 10-12 BPM with 1300-1500 psi, ball out to 4800 psi. Surge balls 3 times, SI for 15 min. Pump 238 bbl 35# gel pad + 47.6 bbl 35# gel with 2 ppg 16/30 Ottawa sand + 119 bbl 35# gel with 4 ppb 16/30 Ottawa sand + 24 bbl 35# gel with 6 ppb RC sand (lost prime). Displace with 126 35# gel, max press 4900 psi, min 2200 psi, avg 2000 psi at 40 BPM. Pump a total of 26,030 lbs 16/30 Ottawa sand & 6000 lbs RC sand, ISIP 1380 psi. Force close well for 30 min at 1 BPM, open well to pit at 5 BPM, rec'd approx 315 BLW, 440 BLWTR. RU Schlum & run GR to 5500'. Run & set Miller 5½" RBP at 5325'. Test BP to 2500 psi for 15 min (ok). Dump 2 sx sand on BP with dump bailer. Perf E-2 Sand with 4" HSC guns at 5192-5265' with 1 shot every 4', 19 holes total & perf the E-D Sand 5080-5100' with 1 SPF, 21 holes total. Test lines to 6000 psi for 15 min (ok). Est break down of 3197 psi at 4.5 BPM. Pump 1000 gal 7½% HCl + add & 60 7/8" SG balls, did not ball off completely, had good ball action. Pump acid + pre-pad at 10-12 BPM with 2550-3800 psi, surge balls 3 times & SWI for 15 min. Pump 238 bbl 35# gel pad, 47.6 bbl 35# gel with 2 ppg 16/30 Ottawa sand, 119 bbl 35# gel with 4 ppg 16/30 Ottawa sand, 71 bbl 35# gel with 6 ppg RC sand. Displace with 116 bbl 35# gel, SIP 2005 psi, max 4000 psi, avg 2000 psi, final 2200 psi at 40 BPM. Pump a total of 722 bbl gel & acid, 24,000 lbs 16/30 Ottawa sand & 19,380 lbs of RC sand. Force close well for 1 hr at 1 BPM, open well to pit at 5 BPM, rec'd approx 345 BLW, 377 BWLTR (817 BLWTR from both fracs).

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1	REC/GIL
2	LWP 7-PL
3	DP-8-SJ
4	VLC-9-FILE
5	RJF
6	LWP

☒ Change of Operator (~~well sold~~)

☐ Designation of Agent

☐ Designation of Operator

☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-1-94)

TO (new operator) **DALEN RESOURCES OIL & GAS CO.** FROM (former operator) **PG&E RESOURCES COMPANY**
(address) **6688 N CENTRAL EXP STE 1000** (address) **6688 N CENTRAL EXP STE 1000**
DALLAS TX 75206-3922 **DALLAS TX 75206-3922**

phone (214) 750-3800
account no. N3300 (11-29-94)

phone (214) 750-3800
account no. N0595

Well(s) (attach additional page if needed):

***WELLS DRAW (GRRV) UNIT**

***WEST WILLOW CREEK UNIT**

Name: **SEE ATTACHED**	API: <u>013-31458</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 10-3-94)
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 10-3-94)
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #FN001519. "Dalen Resources Corp." eff. 6-15-94.
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (11-29-94)
- Lee 6. Cardex file has been updated for each well listed above. 12-7-94
- Lee 7. Well file labels have been updated for each well listed above. 12-8-94
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (11-29-94)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) Surety 41870145/80,000 "Rider to Dafen" rec'd 10-3-94.
*Trust Land/Ed "Rider" Appr. 10-5-94 # 42164274/80,000.

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new ^{Upon compl. of routing.} and former operators' bond files.
- Yes N/A 3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

DTD 2. Copies of documents have been sent to State Lands for changes involving State leases.
2/8/94 to Ed Bonn

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: _____ 19____.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

941108 B.M./S.L. Not Appr. yet!

941125 " Appr. 'd.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT IN DUPLICATE
(See other in-
structions on
reverse)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

JAN 2 8 1995

5. LEASE DESIGNATION AND SERIAL NO.
U-50750

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Federal

9. WELL NO.
21-9H

10. FIELD AND POOL, OR WILDCAT
Pleasant Valley

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
Section 9, T9S-R17E

12. COUNTY OR
PARISH
Duchesne

13. STATE
Utah

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐

2. NAME OF OPERATOR
DALEN Resources Oil & Gas Co.

3. ADDRESS OF OPERATOR
6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. LOCATION OF (Report location clearly and in accordance with any State requirements)*
At surface 660' FNL & 1979' FWL NE/4 NW/4 Sec. 9
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. 43-013-31458
DATE ISSUED 09/13/94

15. DATE SPURRED 09/28/94
16. DATE T.D. REACHED 10/17/94
17. DATE COMPL. (Ready to prod.) 11/18/94
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5247' RKB
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6125'
21. PLUG, BACK T.D., MD & TVD 6078'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS XX
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
4156' - 5550' Green River
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL/Spectral Density Dual Spaced Neutron/CBL
27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	350'	12-1/4"	200sx Class "G"	0
5-1/2"	17#	6125'	7-7/8"	390sx CI "G" + 550sx CI "G"	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5579'	NA

31. PERFORATION RECORD (Interval, size and number)

See Attached

32. ACID, SHOT, FRACTURE, CEMENT

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached	

33.* PRODUCTION

DATE FIRST PRODUCTION 11/18/94		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Pumping 1-3/4" insert					WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 11/21/94	HOURS TESTED 24	CHOKE SIZE NA	PROD'N. FOR TEST PERIOD 53	OIL--BBL. TSTM	GAS--MCF. 35 BLW	WATER--BBL. NA	GAS-OIL RATIO	
FLOW. TUBING PRESS. NA	CASING PRESSURE	CALCULATED 24-HOUR RATE 53	OIL--BBL. TSTM	GAS--MCF. 35 BLW	WATER--BBL.	OIL GRAVITY-API (CORR.)		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used for fuel.

TEST WITNESSED BY
Randy Miller

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Cindy K. Keister TITLE Supervisor Regulatory Compliance DATE 01/17/1995

*(See Instructions and Spaces For Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				"A" Marker		3966'
				"B" Marker		4212'
				"C" Marker		4440'
				Douglas Creek Marker		4504'
				"D" Marker		4832'
				"E" Marker		4984'
				"F" Marker		5463'
				Basal Limestone		5864'
				Wasatch		6040'

Item No. 31

4156' - 4202'
35 - 0.40" Holes

4791' - 4946'
35 - 0.40" Holes

5080' - 5265'
.40.- 0.40" Holes

5534' - 5550'
34 - 0.38' Holes

Item No. 32

1000 gals 7-1/2% HCL + 60 ball sealers
713 bbls 35# XL Borate gel + 24,000# 16/30
Ottawa sand + 12,000# 16-30 RC sand

1000 gals 7-1/2% HCL + 60 7/8" ball sealers
722 bbls 35# XL Borate gel + 24,000# 16/30
Ottawa sand + 12,000# 16-30 RC sand

1000 gals 7-1/2% HCL + 60 7/8" ball sealers
722 bbls 35# XL Borate gel + 24,000# 16-30
Ottawa sand + 19,380# 16-30 RC sand

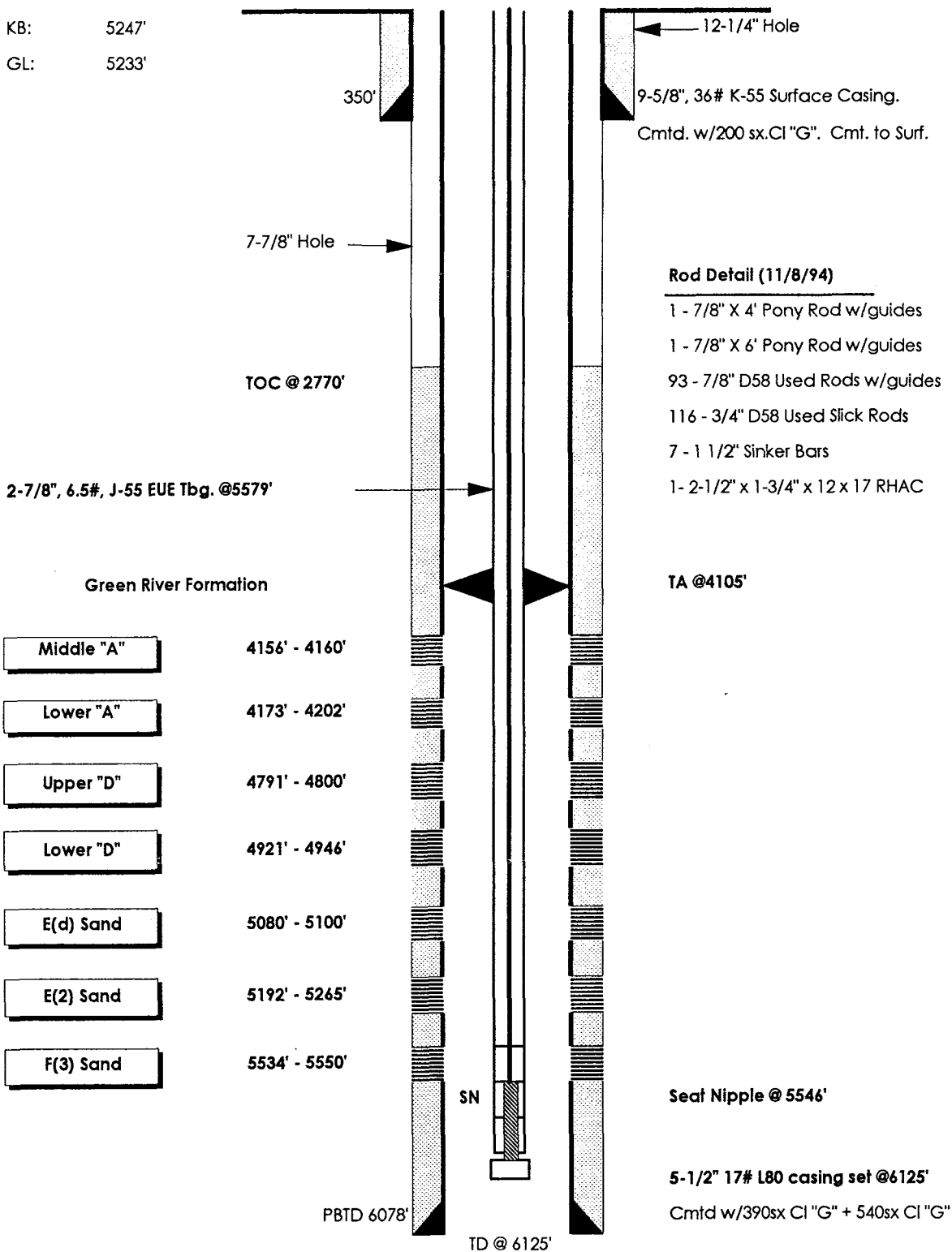
1000 gals 7-1/2% HCL + 50 7/8" ball sealers
18,000 gals 35# XL Borate gel + 23,990# 16/30
Ottawa sand + 6,048# 16/30 RC sand

FEDERAL 21-9H
PLEASANT VALLEY FIELD
 Duchesne County, Utah

Spud: 9/28/94
 TD Date: 10/17/94
 Compl. Date: 11/18/94

Sec 9-T9S-R17E
 660' FNL & 1979' FWL
 NE/4 NW/4

KB: 5247'
 GL: 5233'





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

February 3, 1995

Ms. Cindy R. Keister
DALEN Resources Oil & Gas Co.
6688 North Central Expressway #1000
Dallas, Texas 75206

9S 12E 9 POW
Re: Federal #21-9H, API No. 43-013-31458
Submittal of Electric and Radioactivity Logs

CONF

Dear Ms. Keister:

We have not received the logs for the referenced well. The Well Completion Report indicates that **DIL/Spectral Density Dual Spaced Neutron/CBL** logs were run. Please submit a copy of these logs to this office as soon as possible.

Your help in this matter will be greatly appreciated. If you have questions regarding this request, please contact me at (801)538-5340.

Sincerely,

Vicky Carney
Production Group Supervisor

cc: R. J. Firth
D. T. Staley
L. D. Clement
Log File

SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

**ENSERCH
EXPLORATION** INC

4849 Greenville Ave., Suite 1200
Dallas, Texas 75206-4186
214/369-7893

January 11, 1996

Bureau of Land Management
Utah State Office
324 South State
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

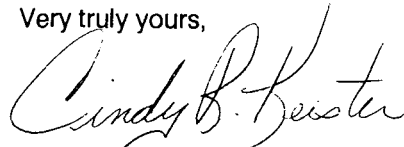
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

UTAH WELLS
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY
***	Federal	21- 9H	U-50750	✓43-013-31458	NE NW	9	9S	17E	Duchesne
**	Federal	22- 9H	U-50750	✓43-013-31049	SE NW	9	9S	17E	Duchesne
**	Federal	23- 9H	U-50750	✓43-013-31206	NE SW	9	9S	17E	Duchesne
**	Federal	24- 9H	U-50750	✓43-013-30682	SE SW	9	9S	17E	Duchesne
**	Federal	33- 9H	U-61052	✓43-013-31108	NW SE	9	9S	17E	Duchesne
	Federal	19- 1	U-13905	✓43-013-30563	NW NW	19	9S	17E	Duchesne
	Govt. Fowler	20- 1	U-13905	✓43-013-30563	NW NW	20	9S	17E	Duchesne
	Federal	41- 30H	U-11385	✓43-013-30601	NE NE	30	9S	17E	Duchesne
	Federal	21- 15H	U-11385	✓43-013-30614	NE NW	15	9S	17E	Duchesne
***	Federal	3- 24B	UTU-68625	✓43-047-32671	NE NW	24	9S	19E	Uintah
***	Federal	5- 24B	UTU-68625	✓43-047-32447	SW NW	24	9S	19E	Uintah
***	Federal	11- 24B	UTU-68625	✓43-047-32223	NE SW	24	9S	19E	Uintah
***	Federal	13- 24B	UTU-68625	✓43-047-32418	SW SW	24	9S	19E	Uintah
***	Federal	15- 24B	UTU-68625	✓43-047-32420	SW SE	24	9S	19E	Uintah
***	Federal	3- 25B	UTU-	✓43-047-32417		25	9S	19E	Uintah
***	Federal	7- 25B	UTU-	✓43-047-30406		25	9S	19E	Uintah
✓***	Federal	1- 26B	UTU-68625	✓43-047-32248	NE NE	26	9S	19E	Uintah
***	Federal	13- 26B	UTU-68625	✓43-047-32237	SW SW	26	9S	19E	Uintah
	Federal	41- 29I	U-19267	✓43-047-32495	NE NE	29	9S	18E	Uintah
	Federal	33- 18J	U-16544	✓43-047-31200	NW SE	18	9S	19E	Uintah
	Federal	24- 34D	U-58546	✓43-047-31637	SE SW	34	8S	18E	Uintah
	State	2- 32B	ML-45172	✓43-047-32221	NW NE	32	9S	18E	Uintah
	State	5- 36B	ML-45173	✓43-047-32224	SW NW	36	9S	19E	Uintah
	State	9- 36A	ML-45171	✓43-047-32225	NE SE	36	9S	19E	Uintah
	State	9- 36B	ML-45173	✓43-047-32249	NE SE	36	9S	19E	Uintah
	State	31- 32D	ML-22058	✓43-047-32479	NW NE	32	8S	18E	Uintah
	State	1-16	ML-46094	✓43-013-15582	SW SW	16	9S	17E	Duchesne

30587

610

32500

SOW

- * Wells Draw Unit BLM Unit No. UTU72613A
- ** Pleasant Valley Unit BLM Unit No. UTU74477X
- *** West Willow Creek Unit BLM Unit No. UTU73218X

**United States Department of the Interior
BUREAU OF LAND MANAGEMENT**

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

FEB 12 1996

IN REPLY REFER TO:
3100
U-01470A et al
UT-923

FEB 09 1995

NOTICE

Enserch Exploration, Inc. : Oil and Gas
4849 Greenville Ave., Suite 1200 : U-01470A et al
Dallas, Texas 75206-4186 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-920)
Irene Anderson (UT-923)

Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)
West Willow Creek Unit (UTU-73218X)
Pleasant Valley Unit (UTU-74477X)



The State of Texas

SECRETARY OF STATE CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

DALEN CORPORATION
a Delaware no permit corporation
with
ENSERCH EXPLORATION, INC.
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

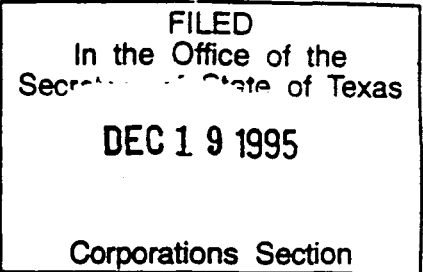
Dated December 19, 1995.

Effective December 31, 1995 04:55 PM



1077.

Antonio O. Garza, Jr.
Secretary of State

ARTICLES OF MERGER OF**DALEN Corporation****INTO****Enserch Exploration, Inc.**

Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.

2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

"WHEREAS Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

"WHEREAS Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

"RESOLVED, That DALEN Corporation, a Delaware corporation ('DALEN'), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the 'Merger'), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"FURTHER RESOLVED, That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton
Name: J. W. Pinkerton
Title: Vice President and Controller,
Chief Accounting Officer



The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE** (No Permit) corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.

IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.



1077.

Antonio O. Garza, Jr.
Secretary of State

MAC

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

(MERGER)

Routing:	
1-LEC	7-CHP
2-DPS	31-FILE
3-VLD	8-FILE
4-RJF	
5-LEG	
6-SJ	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-96)

TO (new operator)	<u>ENSERCH EXPLORATION INC</u>	FROM (former operator)	<u>DALEN RESOURCES OIL & GAS</u>
(address)	<u>4849 GREENVILLE AVE STE 1200</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>DALLAS TX 75206</u>		<u>DALLAS TX 75206-3922</u>
	<u>CINDY KEISTER</u>		<u>CINDY KEISTER</u>
	phone (214) <u>987-6353</u>		phone (214) <u>987-6353</u>
	account no. <u>N4940 (1-29-96)</u>		account no. <u>N3300</u>

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-22-96)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-22-96)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #171513. *(r# 1-4-95)*
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
6. Cardex file has been updated for each well listed above. *(2-12-96)*
7. Well file labels have been updated for each well listed above. *(2-12-96)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-12-96)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) *Trust Lands / Bond & Lease update in progress!*

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 1996. If yes, division response was made by letter dated 1996.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 1996, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- VDR 1. All attachments to this form have been microfilmed. Date: March 13 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960212 BLM/SL Aprv. eH. 12-31-95.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 3 of 3

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOHN W PEARCE
 ENSERCH EXPLORATION INC
 6688 N CENTRAL EXP #1000
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N4940REPORT PERIOD (MONTH/YEAR): 8 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
FEDERAL 13-33-B								
4301331277	11092	08S 16E 33	GRRV			U-49092	Wells Draw Unit	
FEDERAL 22-5-G								
4301331273	11103	09S 16E 5	GRRV			U-30096	"	
FEDERAL 13-34-B								
4301331271	11104	08S 16E 34	GRRV			U-47171	"	
STATE 31-32								
4304732500	11645	08S 18E 32	GRRV			ML-22058		
FEDERAL 41-29								
4304732495	11646	09S 18E 29	GRRV			U-19267		
FEDERAL 21-9H								
4301331458	11676	09S 17E 9	GRRV			U-50750	Pleasant Valley Unit	
FEDERAL 14-9H								
4301331459	11677	09S 17E 9	GRRV			U-50750	"	
FEDERAL 21-8H								
4301331460	11687	09S 17E 8	GRRV			U-10760	"	
FEDERAL 13-15H								
4301331698	12100	09S 17E 15	GRRV			U-74805		
FEDERAL 14-15H								
4301331695	12101	09S 17E 15	GRRV			U-74805		
FEDERAL 31R-9H (RE-ENTRY)								
4301331107	12102	09S 17E 9	GRRV			U-50750		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1979' FWL

NE/4 NW/4 Section 9, T9S-R17E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Pleasant Valley Unit

8. Well Name and No.

Federal 21-9H

9. API Well No.

43-013-31458

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

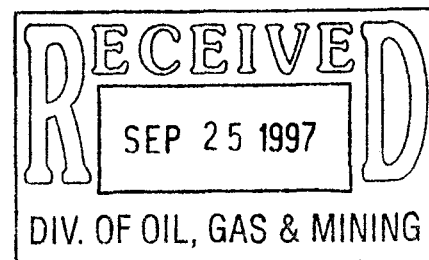
TYPE OF ACTION

- ☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut-Off
☐ Altering Casing ☐ Conversion to Injection
☒ Other Change of Operator ☐ Dispose Water

(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed Chris [Signature] Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ENSERCH EXPLORATION INC.

3. Address and Telephone No.

4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1979' FWL
NE/4 NW/4 Section 9, T9S-R17E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Pleasant Valley Unit

8. Well Name and No.

Federal 21-9H

9. API Well No.

43-013-31458

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

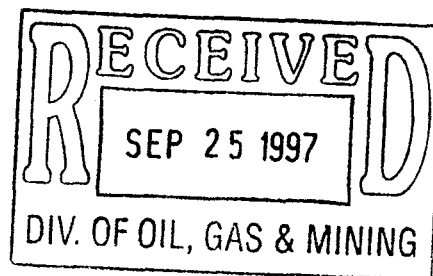
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Enserch Exploration Inc. has sold its interest in the PVU #21-9H Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Sr. Production Analyst Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

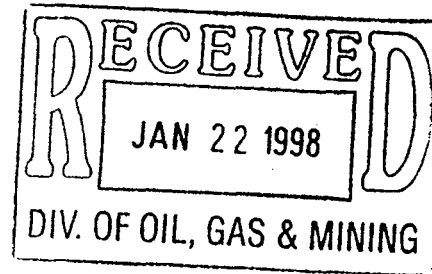
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
UT-931

January 15, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Pleasant Valley (Green River) Unit
Duchesne County, Utah

Gentlemen:

→ *Enserch Expl. Inc. / Blm mailing correction 1-22-98.*
On January 14, 1998, we received an indenture dated September 1, 1997, whereby ~~Equitable Resources Energy Company~~ resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Pleasant Valley (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 15, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Pleasant Valley (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Pleasant Valley (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Pleasant Valley (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-931:TAThompson:tt:1/15/98

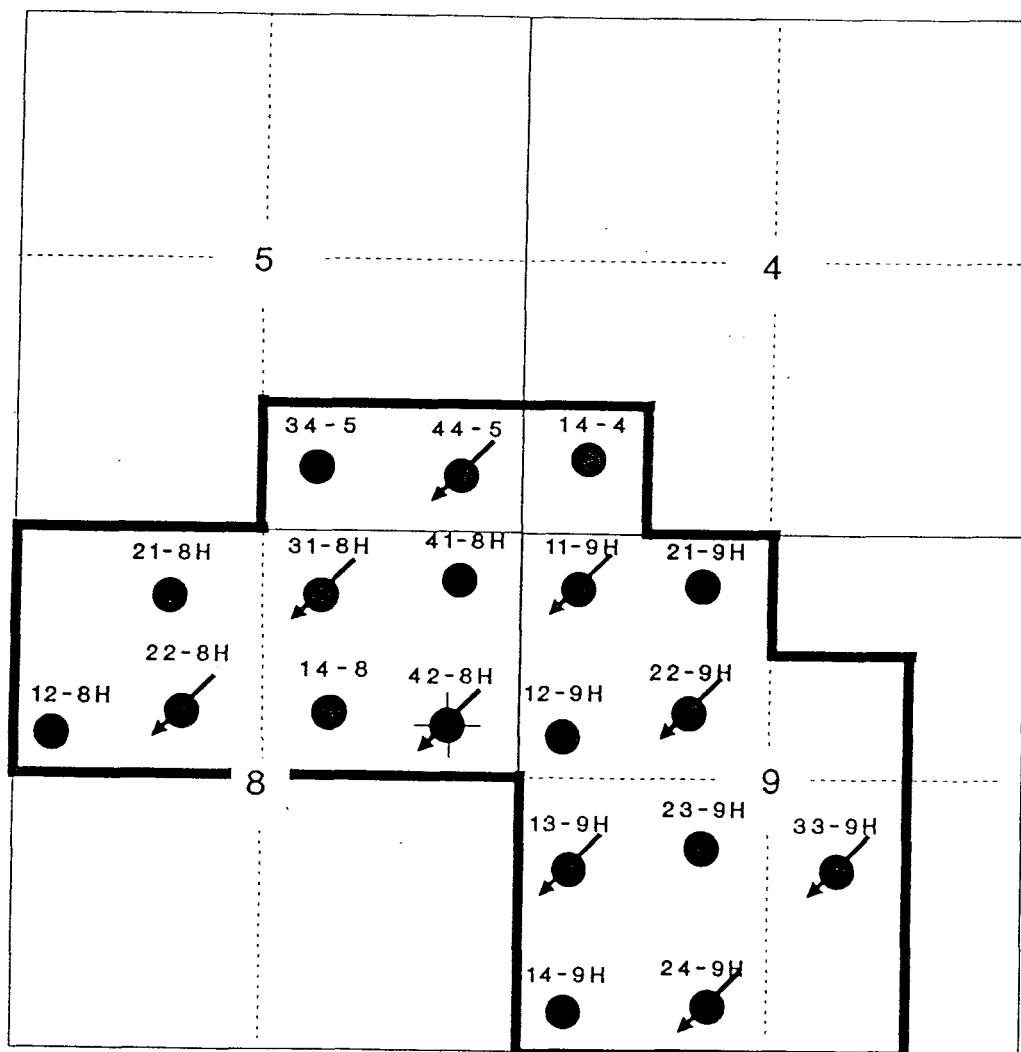
Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU74477X								
UTU50750	4301330887	11-9-H FEDERAL	NWNW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU10760	4301330680	12-8-H FEDERAL-NGC	SWNW	8	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301330983	12-9-H FEDERAL	SWNW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301330656	13-9H FEDERAL	NWSW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU7978	4301330671	14-4 PIUTE-FEDERAL	SWSW	4	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301330542	14-8 POMCO	SWNE	8	T 9S	R17E	OSI	ENSERCH EXPLORATION INC
UTU50750	4301331459	14-9H	SWSW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301331460	21-8H	NENW	8	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301331458	21-9H	NENW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301331457	22-8H	SENW	8	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU50750	4301331049	22-9H FEDERAL NGC	SENW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU50750	4301331206	23-9-H FEDERAL	NESW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301330682	24-9-H FEDERAL-NGC	SESW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU10760	4301330679	31-8-H NGC	NWNE	8	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU61052	4301331108	33-9H FEDERAL	NWSE	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU72108	4301330721	34-5 ALLEN-FEDERAL	SWSE	5	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301330741	41-8-H NGC-FEDERAL	NENE	8	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301330678	42-8-H NGC	SENE	8	T 9S	R17E	ABD	ENSERCH EXPLORATION INC
UTU72108	4301330913	44-5 ALLEN FEDERAL	SESE	5	T 9S	R17E	WIW	ENSERCH EXPLORATION INC

PLEASANT VALLEY (GR) UNIT

Duchesne County, Utah

EFFECTIVE: SEPTEMBER 1, 1995



9S

17E

— UNIT OUTLINE (UTU74477X)

880.00 ACRES

SECONDARY
ALLOCATION
FEDERAL 100.00%

INLAND PRODUCTION COMPANY
PLEASANT VALLEY (GRRV) UNIT
(N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
01215	12277	43-013-30671	14-4H	04-09S-17E	09-01-97
02041	"	43-013-30721	34-5H	05-09S-17E	"
06057	"	43-013-30542	32-8H	08-09S-17E	"
06085	"	43-013-30741	41-8H	08-09S-17E	"
06140	"	43-013-30680	12-8H	08-09S-17E	"
09830	"	43-013-30983	12-9-H	09-09S-17E	"
10868	"	43-013-31206	23-9-H	09-09S-17E	"
11676	"	43-013-31458	21-9H	09-09S-17E	"
11677	"	43-013-31459	14-9H	09-09S-17E	"
11687	"	43-013-31460	21-8H	08-09S-17E	"
02044	"	43-013-30913	44-5	05-09S-17E	"
06058	"	43-013-30887	11-9H	09-09S-17E	"
11675	"	43-013-31457	22-8H	08-09S-17E	"
10674	"	43-013-31108	33-9H	09-09S-17E	"
10065	"	43-013-31049	22-9H	09-09S-17E	"
06075	"	43-013-30679	31-8H	08-09S-17E	"
06080	"	43-013-30678	42-8H	08-09S-17E	"
06185	"	43-013-30656	13-9H	09-09S-17E	"
06175	"	43-013-30682	24-9H	09-09S-17E	"

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC	6-LEC
2-GLH	7-KASL
3-DPS	8-SI
4-VLD	9-FLE
5-JRB	

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 8-16-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>ENSERCH EXPLORATION INC</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>ROOSEVELT UT 84066</u>		<u>DALLAS TX 75206-3922</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(214) 987-7859</u>
Account no.	<u>N5160</u>	Account no.	<u>N4940</u>

WELL(S) attach additional page if needed:

*PLEASANT VALLEY (GREEN RIVER) UNIT

Name: **SEE ATTACHED**	API: <u>43-013-31458</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 9-25-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 9-25-97)*
3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-22-98) KUC Queatro Pro E. DBASE 1-22-98.*
6. **Cardex** file has been updated for each well listed above. *(1-22-98)*
7. Well **file labels** have been updated for each well listed above. *(1-22-98)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-22-98)*
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) yes If entity assignments were changed, attach copies of Form 6, Entity Action Form.
** Operator req. that numbers remain as is until further notice. (1-22-98/Kebbie)*
- N/A Yes 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.
** all wells to entity 12277 1-30-98 eff. 9-1-97; op. req. E. reviews.*

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A Yes 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
1/27/98
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 3.2.98.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

980122 BLM/SL Aprv. eff. 1-15-98.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

PLEASANT VALLEY

8. Well Name and No.

FEDERAL 21-9H

9. API Well No.

43-013-31458

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0660 FNL 1979 FWL NE/NW Section 9, T09S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

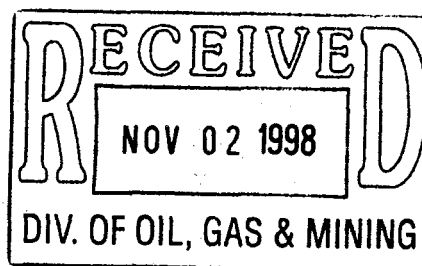
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

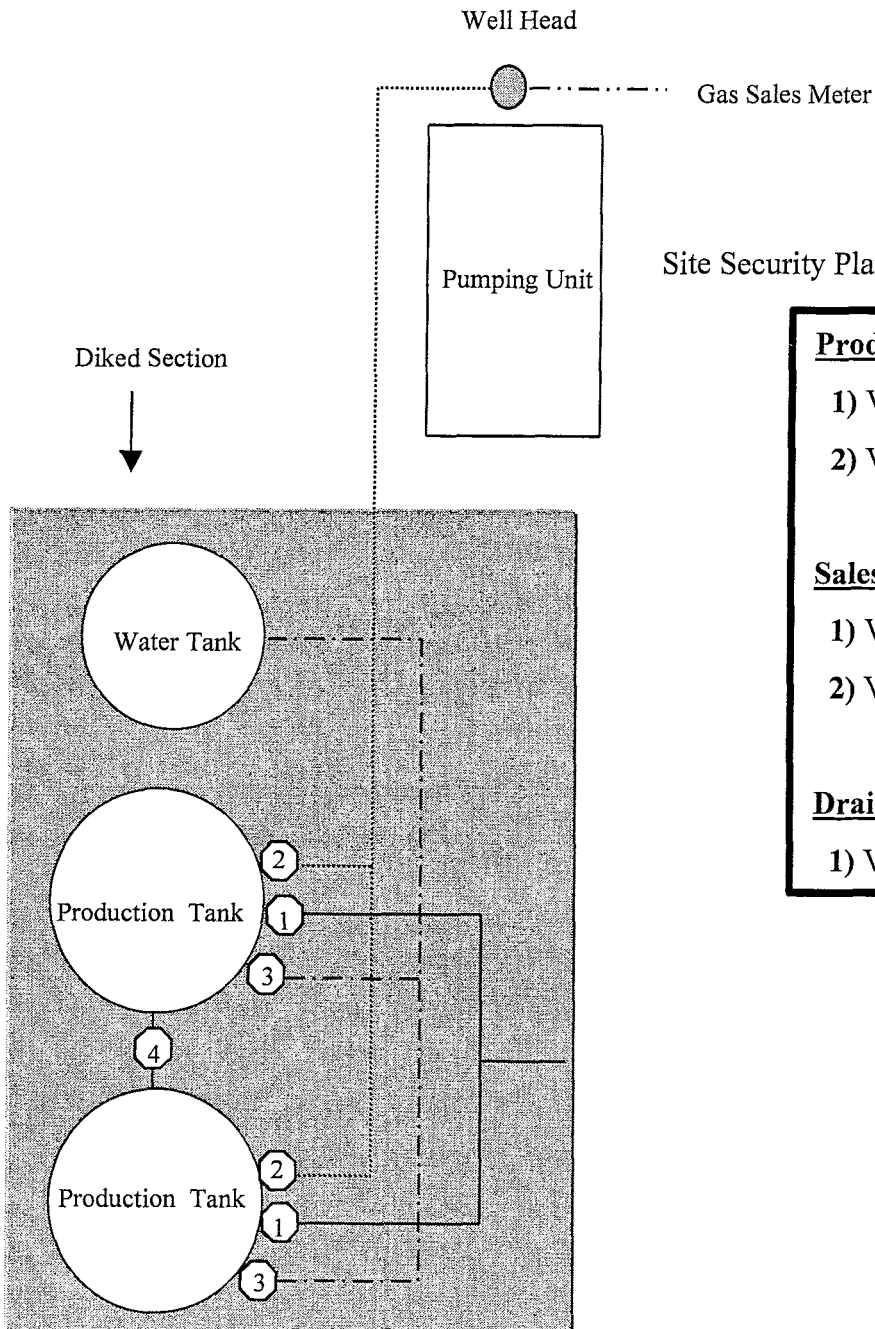
Inland Production Company Site Facility Diagram

Pleasant Valley Unit 21-9H

NE/NW Sec. 9, T9S, 17E

Duchesne County

May 12, 1998



Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Legend

Emulsion Line
Load Line	————
Water Line	-----
Gas Sales	- . - . - . - . - .



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****PLEASANT VALLEY (GR)****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 14-4H	04	090S	170E	4301330671	12277	Federal	OW	P
FEDERAL 34-5H	05	090S	170E	4301330721	12277	Federal	OW	P
FEDERAL 44-5H	05	090S	170E	4301330913	12277	Federal	WI	A
FEDERAL 32-8H	08	090S	170E	4301330542	12277	Federal	OW	P
FEDERAL 42-8H	08	090S	170E	4301330678	12277	Federal	WI	A
FED NGC 31-8H	08	090S	170E	4301330679	12277	Federal	WI	A
NGC 12-8H FED	08	090S	170E	4301330680	12277	Federal	OW	P
NGC 41-8H	08	090S	170E	4301330741	12277	Federal	OW	P
FEDERAL 22-8H	08	090S	170E	4301331457	12277	Federal	WI	A
FEDERAL 21-8H	08	090S	170E	4301331460	12277	Federal	OW	P
PVU 4-8-9-17	08	090S	170E	4301332273	12277	Federal	OW	P
FEDERAL 13-9H	09	090S	170E	4301330656	12277	Federal	WI	A
NGC 24-9H FED	09	090S	170E	4301330682	12277	Federal	WI	A
FEDERAL 11-9-H	09	090S	170E	4301330887	12277	Federal	WI	A
FEDERAL 12-9-H	09	090S	170E	4301330983	12277	Federal	OW	P
FEDERAL NGC 22-9-H	09	090S	170E	4301331049	12277	Federal	WI	A
FEDERAL 33-9H	09	090S	170E	4301331108	12277	Federal	WI	A
FEDERAL 23-9-H	09	090S	170E	4301331206	12277	Federal	OW	P
FEDERAL 21-9H	09	090S	170E	4301331458	12277	Federal	OW	P
FEDERAL 14-9H	09	090S	170E	4301331459	12277	Federal	OW	P
PLEASANT VALLEY 7-9-9-17	09	090S	170E	4301332076	12277	Federal	OW	P
PLEASANT VALLEY 15-9-9-17	09	090S	170E	4301332135	12277	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

NOV 20 2008

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, CO 80202

RECEIVED

NOV 25 2008

DIV. OF OIL, GAS & MINING

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Additional Well: Pleasant Valley Area Permit

UIC Permit No. UT20771-00000

Well ID: UT20771-08154

Federal 21-9H-~~9-17~~

660' FNL & 1979' FWL

NE NW Section 9-T9S-R17E

Duchesne County, Utah

API #43-013-31458

Dear Mr. Sundberg:

The Newfield Production Company's request to convert the former Green River Formation oil well Federal 21-9H-9-17 to an enhanced recovery injection well in the Pleasant Valley Area Permit is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization for Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Pleasant Valley Area Permit No. UT20771-00000 and subsequent modifications.

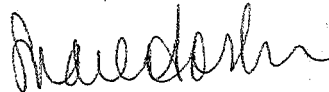
Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3634 feet and the top of the Wasatch Formation, estimated at 5986 feet.

Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval: (1) the results of a **Part 1 (Internal) mechanical integrity test (MIT)**, (2) a **pore pressure** calculation of the injection interval, (3) **step rate test** performed following current EPA guidance, (4) **radioactive tracer survey** within a 180-day authorization to inject, and at least once every five years after the last successful test, (5) **temperature log** within a 180-day authorization to inject, and at least once every five years after the last successful test, and (6) a complete **EPA Form No. 7520-12** (Well Rework Record) with a new schematic diagram.

The initial Maximum Allowable Injection Pressure (MAIP) for the Federal 21-9H-9-17 was determined to be **995 psig**. UIC Area Permit UT20771-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a step rate test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Ms. Sarah Bahrman at (303) 312-6243 or 1-(800)-227-8917 (Ext. 312-6243). Please submit the required data to **ATTENTION: Sarah Bahrman**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Encl: Authorization For Conversion of An Additional Well
EPA Form No. 7520-12 (Well Rework Record).
Proposed Wellbore and P&A Wellbore schematics for Federal 21-9H-9-17.

cc: Letter Only

Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
Ute Indian Tribe

Irene Cuch, Vice Chairwoman
Uintah & Ouray Business Committee
Ute Indian Tribe

Ronald Groves, Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Steven Cesspooch, Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Frances Poowegup, Councilwoman
Uintah & Ouray Business Committee
Ute Indian Tribe

Daniel Picard, Superintendent
U.S. Bureau of Indian Affairs
Uintah & Ouray Indian Agency

All enclosures:

Larry Love, Director
Energy and Minerals Department
Ute Indian Tribe

Michael Guinn, District Manager
Newfield Production Company
Myton, Utah

Michelle Sabori, Acting Environmental Director
GAP-106
Ute Indian Tribe

Gil Hunt, Associate Director
Utah Division of Oil, Gas and Mining

Fluid Minerals Engineering Office
U.S. Bureau of Land Management
Vernal Office

Elaine Willie, GAP Coordinator
Land Use Dept.
Ute Indian Tribe

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AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit No: UT20771-00000

The Pleasant Valley Final UIC Area Permit No. UT20771-00000, effective November 6, 1995, authorizes injection for the purpose of enhanced oil recovery into multiple lenticular sand units which are distributed throughout the lower portion of the Green River Formation. On March 19, 2008, the permittee provided notice to the Director concerning the following additional enhanced recovery injection well:

Well Name:	<u>Federal 21-9H-9-17</u>
EPA Well ID Number:	<u>UT 20771-08154</u>
Location:	660' FNL & 1979' FWL NE NW Sec. 9 T9S-R17E Duchesne County, Utah API #43-013-31458

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20771-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20771-00000, as modified and as specified in the Well Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: 11/19/08


for **Stephen S. Tuber**

*Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20771-00000
Well: Federal 21-9H-9-17 EPA Well ID: UT20771-08154

Printed on Recycled Paper

WELL-SPECIFIC REQUIREMENTS

Well Name: Allen Federal 21-9H-9-17
EPA Well ID Number: UT20771-08154

Prior to commencing injection operations, the permittee shall submit the following information and receive written Authority to Inject from the Director:

1. a successful Part I (Internal) Mechanical Integrity test (MIT);
2. pore pressure calculation of the proposed injection zone;
3. step rate test performed following current EPA guidance;
4. radioactive tracer survey within a 180-day authorization to inject, and at least once every five years after the last successful test;
5. temperature log within a 180-day authorization to inject, and at least once every five years after the last successful test;
6. completed Well Rework Record EPA Form No. 7520-12 and schematic diagram.

Approved Injection Zone: Injection is approved between the top of the Garden Gulch Member of the Green River Formation [3634 feet (KB)] to the top of the Wasatch Formation, which is estimated to be at a depth of [5986 feet (KB)].

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 995 psig, based on the following calculation:

$$\begin{aligned}\text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where} \\ \text{FG} &= 0.680 \text{ psi/feet} \quad \text{SG} = 1.015 \quad \text{D} = \underline{4156 \text{ feet}} \quad (\text{top perforation depth KB}) \\ \text{MAIP} &= \underline{995 \text{ psig}}\end{aligned}$$

UIC Area Permit No. UT20771-00000 also provides the opportunity for the permittee to request a change of the MAIP based upon results of a step rate test that demonstrates the formation breakdown pressure will not be exceeded.

Well Construction and Corrective Action: The cement bond log (CBL) indicates that cement does not meet minimum requirements needed to demonstrate zone isolation (at least 18 feet of continuous 80% cement bond index, or better) through the Confining Zone. Therefore, **demonstration of Part II MI will be required prior to injection** and at least once every five years thereafter. The demonstration shall be by Radioactive Tracer Survey and Temperature Log, as noted above, or another approved test. Approved tests for demonstrating Part II MI include a Radioactive Tracer Survey, Temperature Survey, Noise Log or Oxygen Activation Log.

Tubing and Packer: 2-7/8" or similar size injection tubing is approved; the packer shall be set at a depth no more than 50 feet above the top perforation.

Corrective Action for Wells in Area of Review (AOR): The following four (4) wells, that penetrate the confining zone within or proximate to a 1/4 mile radius around the Federal 21-9H-9-17, were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDW:

Corrective Action Not Required

Well: Federal 11-9H NW NW Sec. 9-T9S-R17E
Shows 80% cement bond (per the CBL) throughout the entire Confining Zone (3606 ft.-3630 ft.).
TOC at 860 ft.

Well: Pleasant Valley Federal G-9-9-17 NE NW Sec. 9-T9S-R17E
Shows 80% cement bond (per the CBL) over the entire Confining Zone (3593 ft.-3688 ft.).
TOC at 116 ft.

Well: Maxus Federal 24-4 SE SW Sec. 4-T9S-R17E
The Maxus Federal 24-4 well was adequately plugged on November 9, 1987 according to the Bureau of Land Management and State of Utah Division of Oil, Gas and Mining Requirements.

Well: Federal 22-9H SE NW Sec. 9-T9S-R17E

The Federal 22-9H is permitted by EPA for injection (Permit No. UT20771-04268, effective November 6, 1995). At the time of the permit effective date, this well was considered to meet the requirements for demonstration of Part II Mechanical Integrity. As noted in the Statement of Basis for the final Pleasant Valley Area Permit, the Federal 22-9H is "cemented in such a manner as to preclude any migration of injected fluids up hole." The Federal 22-9H well is cemented from Top of Douglas Creek Member upward to several hundred feet above the overlying Green River and Uinta Formation. While the Federal 22-9H does not meet the current standards for Part II Mechanical Integrity (at least 18 ft of 80% cement bond through the Confining Zone), corrective action is not required for this AOR well since Part II Mechanical Integrity was previously demonstrated and approved. Well has 10 ft. of 80% bond in confining zone, with the remainder of the cement in the confining zone at approximately a 60% cement bond index.

Corrective Action Required

None

Demonstration of Mechanical Integrity: A successful demonstration of Part I (Internal) Mechanical Integrity using a standard Casing-Tubing pressure test is required for the Federal 21-9H-9-17 prior to injection and at least once every five years thereafter.

EPA reviewed the Cement Bond Log and determined the cement through the confining zone is not sufficient to provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore. Therefore, pursuant to 40 CFR 146.8(a)(2), **the Permittee shall conduct a Part II (External) Mechanical Integrity Test within a 180-day**

Authorization for Additional Well: UIC Area Permit UT20771-00000

Well: Federal 21-9H-9-17 EPA Well ID: UT20771-08154

period of "Limited Authorization to Inject". A Part II (External) Mechanical Integrity Test shall be run at least once every five (5) years thereafter.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Financial Statement in the amount of \$59,344 that has been approved by the EPA. The Director may revise the amount required, and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between USDWs and in accordance with other applicable Federal, State or local laws or regulations. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Seal Injection Zone: Set a cast iron bridge plug (CIBP) no more than fifty (50) feet above the top injection perforation with a minimum 20-foot cement plug on top of the CIBP.

PLUG NO. 2: Seal Mahogany Shale and Trona intervals: Squeeze a cement plug on the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Bench between approximately 2760 ft. (KB) to 2920 ft. (KB) (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 160-foot balanced cement plug inside the 5-1/2" casing across the Trona Zone and the Mahogany Shale, from approximately 2760 ft. (KB) to 2920 ft. (KB).

PLUG NO. 3: Seal USDWs: Squeeze a cement plug on the backside of the 5-1/2" casing across the top of the Green River Formation between approximately 1365 ft. (KB) and 1465 ft. (KB) (unless pre-existing cement precludes cement-squeezing this interval), followed by a minimum 100-foot balanced plug inside the 5-1/2" casing across the base of the Uinta Formation, from approximately 1365 ft. (KB) to 1465 ft. (KB).

PLUG NO. 4: Seal Surface: Set a Class "G" cement plug within the 5-1/2" casing to 400 ft. and up the 5-1/2" x 9-5/8" casing annulus to the surface.

Cut off surface and 5-1/2" casing at least 4 ft below ground level and set P&A marker; submit Sundry Notices and all necessary data as required by the EPA and other regulatory agencies.

Reporting of Noncompliance:

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting:

The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting:

The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC)** 1-(800)-424-8802 or 1-(202)-267-2675, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>.

Other Noncompliance:

The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information:

Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

WELL-SPECIFIC CONSIDERATIONS

Well Name: Federal 21-9H-9-17
EPA Well ID Number: UT20771-08154

Underground Sources of Drinking Water (USDWs): USDWs in the Pleasant Valley Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 85 feet below ground surface (97 ft. KB) in the Federal 21-9H-9-17.

Utah Division of Water Rights (searched online at
<http://utstnrwrt6.waterrights.utah.gov/cgi-bin/wrplat.exe>:

There are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

Composition of Source, Formation, and Injectate Water: (Total Dissolved Solids [TDS]):

- TDS of the Douglas Creek Member – Green River Formation Water: 15,448 mg/l.

- TDS of Jonah Facility Injection System source water: 13,556 mg/l.

The **injectate** is a blend of drinking-quality water from the Johnson Water District supply line and/or water from the Green River supply line, as well as Green River Formation water.

Aquifer Exemption is **not** required because the total dissolved solids (TDS) of the Green River Formation water is 15,448 mg/l.

Confining Zone: The Confining Zone, which directly overlies the Garden Gulch Member of the Green River Formation, is approximately 188 feet of shale between the depths of 3446 ft. and 3634 ft. (KB).

Injection Zone: The Injection Zone at this well location is approximately 2352 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 3634 feet (KB) to the top of the Wasatch Formation which is estimated to be at 5986 ft. (KB). All formation tops are based on correlations to the Newfield Production Federal #1-26-8-17 (UT20702-04671) Type Log.

Well Construction: The CBL **does not show** 80% or greater cement bond index in the Confining Zone. Thus, further demonstration of Part II Mechanical Integrity is required.

Surface Casing: 9-5/8" casing is set at 350 ft. (KB) in a 12-1/4" hole, using 200 sacks Class G cement.

Longstring Casing: 5-1/2" casing is set at 6125 ft. (KB) in a 7-7/8" hole secured with 850 sacks of Class G cement. Total drilled depth is 6125 ft., and plugged back total depth is 6078 ft. EPA calculates top of cement at 616 ft. (KB). Estimated CBL top of cement is 912 ft.

Perforations: Top perforation: **4156 ft. (KB)** Bottom perforation: **5550 ft. (KB)**

Wells in Area of Review (AOR): Construction and cementing records, including CBLs for four (4) wells in the 1/4 mile AOR that penetrated the Confining Zone, were reviewed. None of the four (4) wells in the AOR will require Corrective Action.

Wells Not Requiring Corrective Action:

Well: Federal 11-9H	NW NW	Sec. 9-T9S-R17E
Well: Pleasant Valley Federal G-9-9-17	NE NW	Sec. 9-T9S-R17E
Well: Maxus Federal 24-4	SE SW	Sec. 4-T9S-R17E
Well: Federal 22-9H	SE NW	Sec. 9-T9S-R17E



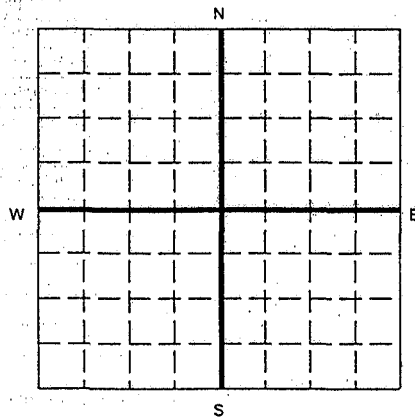
United States Environmental Protection Agency
Washington, DC 20460

PLUGGING AND ABANDONMENT PLAN

Name and Address of Facility

Name and Address of Owner/Operator

Locate Well and Outline Unit on
Section Plat - 640 Acres



State

County

Permit Number

Surface Location Description

1/4 of 1/4 of 1/4 of 1/4 of Section Township Range

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location ft. from (N/S) Line of quarter section

and ft. from (E/W) Line of quarter section.

TYPE OF AUTHORIZATION

- ☐ Individual Permit
☐ Area Permit
☐ Rule

Number of Wells

WELL ACTIVITY

- ☐ CLASS I
☐ CLASS II
☐ Brine Disposal
☐ Enhanced Recovery
☐ Hydrocarbon Storage
☐ CLASS III

Lease Name

Well Number

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT (LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE

METHOD OF EMPLACEMENT OF CEMENT PLUGS

- ☐ The Balance Method
☐ The Dump Bailer Method
☐ The Two-Plug Method
☐ Other

CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)							
Depth to Bottom of Tubing or Drill Pipe (ft)							
Sacks of Cement To Be Used (each plug)							
Slurry Volume To Be Pumped (cu. ft.)							
Calculated Top of Plug (ft.)							
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)							
Type Cement or Other Material (Class III)							

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)

From	To	From	To

Estimated Cost to Plug Wells

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Signature

Date Signed

Paperwork Reduction Act Notice

The public reporting and record keeping burden for this collection of information is estimated to average 19.5 hours annually for operators of Class I wells, 6 hours annually for operators of Class II wells, and 8 hours annually for operators of Class III wells. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control numbers for EPA's regulations are listed in 40 CFR Part 9 and 48 CFR Chapter 15.

Please send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Office of Environmental Information, Collection Strategies Division, U.S. Environmental Protection Agency (2822), Ariel Rios Building, 1200 Pennsylvania Ave., NW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th Street, NW, Washington, DC 20503, Attention: Desk Officer for EPA. Please include the EPA ICR number and OMB control number in any correspondence.

Federal #21-9H-9-17

MAR 25 2008

EPA Region 8
Ground Water Protection
Initial Production: 53 BOPD, 0
MCFPD, 35 BWPD

Spud Date: 9-28-94

Put on Production: 11-18-94
GL: 5233' KB: 5247' ✓

Proposed Injection
Wellbore Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 9-5/8" ✓
GRADE: K-55
WEIGHT: 36#
LENGTH: 8 jts.
DEPTH LANDED: 350' ✓
HOLE SIZE: 12-1/4" ✓
CEMENT DATA: 200 sx Class G, est 7 bbls cmt to surface

TOC calc = 616'

PRODUCTION CASING

CSG SIZE: 5-1/2" ✓
GRADE: L-80
WEIGHT: 17# ✓
LENGTH: 141 jts.
DEPTH LANDED: 6125' ✓
HOLE SIZE: 7-7/8" ✓
CEMENT DATA: 300 sx Class G & 550 sx Class G ✓
CEMENT TOP AT: -2770' per CBL

(ste 912')

TUBING

SIZE/GRADE/WT.: 2-7/8" 16.5# 11-55
NO. OF JOINTS:
TUBING ANCHOR: 5579' ✓
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5579'
SN LANDED AT: 5546'

*No 80% bond
cement in
confining zone.*

*⇒ corrective
action
required*

11-02-94 4156'-4202' Frac sand as follows:
713 bbls Borate, 36,000# 16/30 sand.
Perfs broke @ 2942 psi. Treated w/avg
press of 2200 psi. ISIP-1854.
11-02-94 4791'-4946' Frac sand as follows:
722 bbls Borate, 36,000# 16/30 sand.
Perfs broke @ 2828 psi. ISIP-1950 psi.
11-01-94 5080'-5265' Frac sand as follows:
722 bbls Borate, 43,380# 16/30 sand.
Perfs broke @ 3197 psi. Treated w/avg
press of 2000 psi w/avg rate of 40 BPM.
11-01-94 5534'-5550' Frac sand as follows:
18,000 gals Borate, 32,030# 16/30 sand.
Perfs broke @ 4000 psi. Treated w/avg
press of 2000 psi w/avg rate of 40 BPM.
ISIP-1380 psi.

*97' Base USDW
(Pub 92)
1415' Top Green River
2814' Top Trona
2870' Top Mahogany Bench (2870-2888')*

3446' Top Confining Zone (Shale)

3634' Top Garden Gulch

PERFORATION RECORD

10-29-94	5534'-5550'	2 JSPF	32 holes
11-01-94	5192'-5265'	1 JSP4F	19 holes
11-01-94	5080'-5100'	1 JSPF	21 holes
11-02-94	4921'-4946'	1 JSPF	13 holes
11-02-94	4856'-4867'	1 JSPF	12 holes
11-02-94	4791'-4800'	1 JSPF	10 holes
11-02-94	4173'-4202'	1 JSPF	30 holes
11-02-94	4156'-4160'	1 JSPF	5 holes

Packer @ 4121'

4156'-60'

4173'-4202'

4603'

4791'-4800'

4856'-4867'

4921'-4946'

5080'-5100'

5192'-5265'

5534'-50'

5862'

5986'

PBTD @ 6078' ✓

TD @ 6125' ✓

Top Douglas Creek

*Top Basal Carbonate
Top Wasatch.*

NEWFIELD

Federal #21-9H-9-17

660' FNL 1979' FWL

NE/NW Section 9-T9S-R17E

Duchesne Co, Utah

API #43-013-31458; Lease #UTU-50750

CT 3/13/08

Federal #21-9H-9-17

Spud Date: 9-28-94

Put on Production: 11-18-94
GL: 5233' KB: 5247'

Initial Production: 55 BOPD, 0
MCFPD, 35 BWPD

Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"

GRADE: K-55

WEIGHT: 36#

LENGTH: 8 jts.

DEPTH LANDED: 350'

HOLE SIZE: 12-1/4"

CEMENT DATA: 200 sx Class G, est 2 bbls out to surface

*Plug 4 - Plug from
surface to 400'*

Casing Shoe @ 350'

Circulate 135 sx Class "G" Cement down 5-1/2" casing and
up the 5-1/2" x 9-5/8" annulus

92' Base USDW (Pub 92)

Perforate 4 JSPF @ 400' ✓

*Plug 3 - 100' plug
from 1365'-1465'*

1415' Top Green River

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: L-80

WEIGHT: 17#

LENGTH: 141 jts.

DEPTH LANDED: 6125'

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sx Class G & 550 sx Class G

CEMENT TOP AT: 2760' per CBL

est @ 910'

*Plug 2 - 160' plug
from 2760'-2920'*

2811' Top Tionia

2840' Top Manggany Bench (2810-2840)

3446' Top Confining Zone (Shale)

3634' Top Garden Gulch

Spot inhibited water
between cement plugs

20'±

Class G Cement plug on top of CIBP

CIBP

4156'-60' ✓

4173'-4202' ✓

4603' ✓

4791'-4800' ✓

4856'-4867' ✓

4921'-4946' ✓

5080'-5100' ✓

5192'-5265V

5534'-50' ✓

5862' Top Basal Carbonate

5986' Top Wabatch

PBTD @ 6078'

TD @ 6125'

*Plug 1 - 50+ ft above top
perf and 220ft cement
on top*

NEWFIELD

Federal #21-9H-9-17

660' FNL 1979' FWL

NE/NW Section 9-T9S-R17E

Duchesne Co, Utah

API #43-013-31458; Lease #UTU-50750

RECEIVED
MAR 25 2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-50750
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: PLEASANT VALLEY UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 660 FNL 1979 FWL		8. WELL NAME and NUMBER: FEDERAL 21-9H
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 9, T9S, R17E		9. API NUMBER: 4301331458
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/24/2009			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 06/12/09. On 05/18/09 Steven Pratt with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 05/26/09. On 06/15/09 the casing was pressured up to 1140 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20771-08154 API# 43-013-31458

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech
SIGNATURE DATE 06/24/2009

(This space for State use only)

RECEIVED
JUN 29 2009
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 6 / 15 / 2009
Test conducted by: Ted Whitehead
Others present: _____

Well Name: <u>Federal 21-9H-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT Butte</u>		
Location: <u>NE/NW</u> Sec: <u>9</u> T <u>9</u> N <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>NEWFIELD EXPLORATION</u>		
Last MIT: _____ / _____ / _____		Maximum Allowable Pressure: _____ PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☒ Yes ☐ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1140</u> psig	psig	psig
5 minutes	<u>1140</u> psig	psig	psig
10 minutes	<u>1140</u> psig	psig	psig
15 minutes	<u>1140</u> psig	psig	psig
20 minutes	<u>1140</u> psig	psig	psig
25 minutes	<u>1140</u> psig	psig	psig
30 minutes	<u>1140</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8P-W-GW

JUL 22 2009

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3 - Box 3630
Myton, UT 84052

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: 180-Day Limited Authorization to Inject
EPA UIC Permit UT20771-08154
Well: Federal 21-9H-9-17
NE NW Section 9 T9S R17E
Duchesne County, Utah
API #: 43-013-31458

Dear Mr. Guinn:

The Newfield Production Company (Newfield) letter with attached information was received by the Environmental Protection Agency (EPA), Region 8, on June 30, 2009. The submittal satisfactorily completed the Prior to Commencing Injection requirements for Final Class II Underground Injection Control Permit UT20771-08154, effective November 18, 2008. The Part I (Internal) Mechanical Integrity Test (MIT), Well Rework Record (EPA Form No. 7520-12), schematic diagram, and calculated pore pressure were reviewed and approved by EPA on July 17, 2009.

As of the date of this letter, Newfield is authorized to commence injection into Federal 21-9H-9-17 at a maximum allowable injection pressure (MAIP) of 995 psig for a limited period of time.

Because the cement bond log submitted for this well did not show an adequate interval of 80% or greater bond index through the confining zone above the injection zone, Newfield is required to demonstrate no significant upward migration of injection fluids behind the casing from the injection zone within a 180-day period from the date that injection begins. This 180-day period allows time for injection zone pressure to elevate prior to executing the RTS, which is necessary because it may be underpressured from previous oil production, and this test relies on elevated formation pressure.

RECEIVED

JUL 27 2009

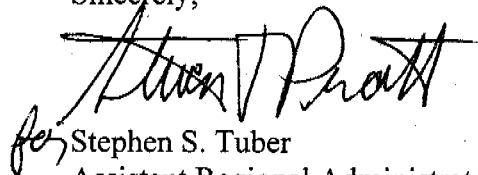
DIV. OF OIL, GAS & MINING

Newfield must receive prior authorization from the Director in order to inject at pressures greater than the permitted MAIP during any test. Please note that the maximum pressure used during the RTS may become the new MAIP because no significant upward migration of injection fluids behind the casing was demonstrated at that pressure. Therefore, it may be advantageous to run a step rate test prior to conducting the RTS. Should Newfield apply for an increase to the MAIP at a later date, an RTS must also be conducted at that time.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT20771-08154 for the Federal 21-9H-9-17 injection well.

If you have questions regarding the above action, please call Sarah Bahrman at 303-312-6243 or 1-800-227-8917, ext. 312-6243. Results from the RTS should be mailed directly to the attention of Sarah Bahrman, at the letterhead address citing Mail Code: 8P-W-GW very prominently.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen S. Tuber", is written over a horizontal line.

for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc:

Uintah & Ouray Business Committee:

Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg
Regulatory Analyst
Newfield Production Company

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660 FNL 1979 FWL

NENW Section 9 T9S R17E

5. Lease Serial No.

USA UTU-50750

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

PLEASANT VALLEY UNIT

8. Well Name and No.

FEDERAL 21-9H

9. API Well No.

4301331458

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change status put well on injection _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above reference well was put on injection at 3:00 PM on 7-31-09.

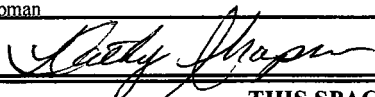
UT 20741-08154

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Kathy Chapman

Signature



Title

Office Manager

Date

08/03/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

AUG 04 2009

DIV. OF OIL, GAS & MINING



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

FEB 25 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Authorization to Continue Injection
EPA UIC Permit UT20771-08154
Well: Federal 21-9H-9-17
NENW Sec. 9-T9S-R17E
Duchesne County, UT
API No.: 43-013-31458

Dear Mr. Guinn:

The Environmental Protection Agency (EPA) received the results of the December 7, 2009, Radioactive Tracer Survey (RTS) for the Federal 21-9H-9-17 well. EPA reviewed the results on February 23, 2010, and determined the test demonstrates the presence of adequate cement to prevent the upward migration of injection fluids from the injection zone at the Maximum Allowable Injection Pressure (MAIP) of 995 psig.

As of the date of this letter, EPA hereby authorizes continued injection into the Federal 21-9H-9-17 well under the terms and conditions of UIC Permit UT20771-08154 at a MAIP of 995 psig.

You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a Step Rate Test (SRT) that measures the formation parting pressure and determines the fracture gradient. A current copy of EPA Guidelines for running and interpreting SRTs will be sent upon request. Should the SRT result in approval of a higher MAIP, a subsequent RTS is required to show that the injected fluids will remain within the authorized injection interval at the higher injection pressure.

RECEIVED

MAR 03 2010

DIV. OF OIL, GAS & MINING

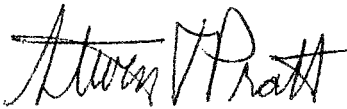
As of this approval, responsibility for Permit Compliance and Enforcement is transferred to EPA Region 8 UIC Technical Enforcement Program Office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing your well name and UIC Permit number on all correspondence regarding this well:

US EPA, Region 8
Attn: Nathan Wiser
MC: ENF-UFO
1595 Wynkoop Street
Denver, CO 80202

For questions regarding notification, testing, monitoring, reporting or other Permit requirements, Nathan Wiser of the UIC Technical Enforcement Program may be reached by calling 800-227-8917 (ext. 312-6211). Please be reminded that it is your responsibility to be aware of and to comply with all conditions of your Permit.

If you have any questions regarding this approval, please call Jason Deardorff at 800-227-8917 (ext. 312-6583).

Sincerely,



fen Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc:

Uintah & Ouray Business Committee:

Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg
Regulatory Analyst
Newfield Production Company

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-50750

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:
FEDERAL 21-9H

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331458

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 660 FNL 1979 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW, 9, T9S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/28/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on October 28, 2010. Results from the test indicate that the fracture gradient is .0.757 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 995 psi to 1315 psi.

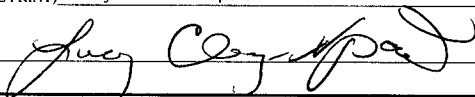
EPA: UT20771-08154 API: 43-013-31458

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE: Administrative Assistant

SIGNATURE



DATE 11/15/2010

(This space for State use only)

RECEIVED
NOV 22 2010
DIV. OF OIL, GAS & MINING

Step Rate Test (SRT) Analysis

Date: 10/29/2010

Operator: Newfield Production Company

Well: Federal 21-9H-9-17

Permit #: UT20771-08154

Enter the following data :

Specific Gravity (sg) of injectate =	<u>1.015</u>	g/cc	
Depth to top perforation (D) =	<u>4156</u>	feet	4156
Top of permitted injection zone depth (blank=use top perforation to calculate fg) =		feet	
Estimated Formation Parting Pressure (P _{fp}) from SRT chart =	<u>1320</u>	psi	
Instantaneous Shut In Pressure (ISIP) from SRT =	<u>1385</u>	psi	1320
Bottom Hole Parting Pressure (P _{bhp}) from downhole pressure recorder =		psi	no downhole

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.757 psi/ft.

where: $fg = P_{bhp} / D$ (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1385

D = depth used = 4156

P_{bhp} used = 3147

Calculated Bottom Hole Parting Pressure (P_{bhp}) = 3147 psi

3146.541

to calculate Bottom Hole Parting Pressure (P_{bhp}) = Formation Fracture Pressure (ISIP or P_{fp}) + (0.433 * SG * D)

(Uses lesser of ISIP or P_{fp}) Value used = 1320

Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

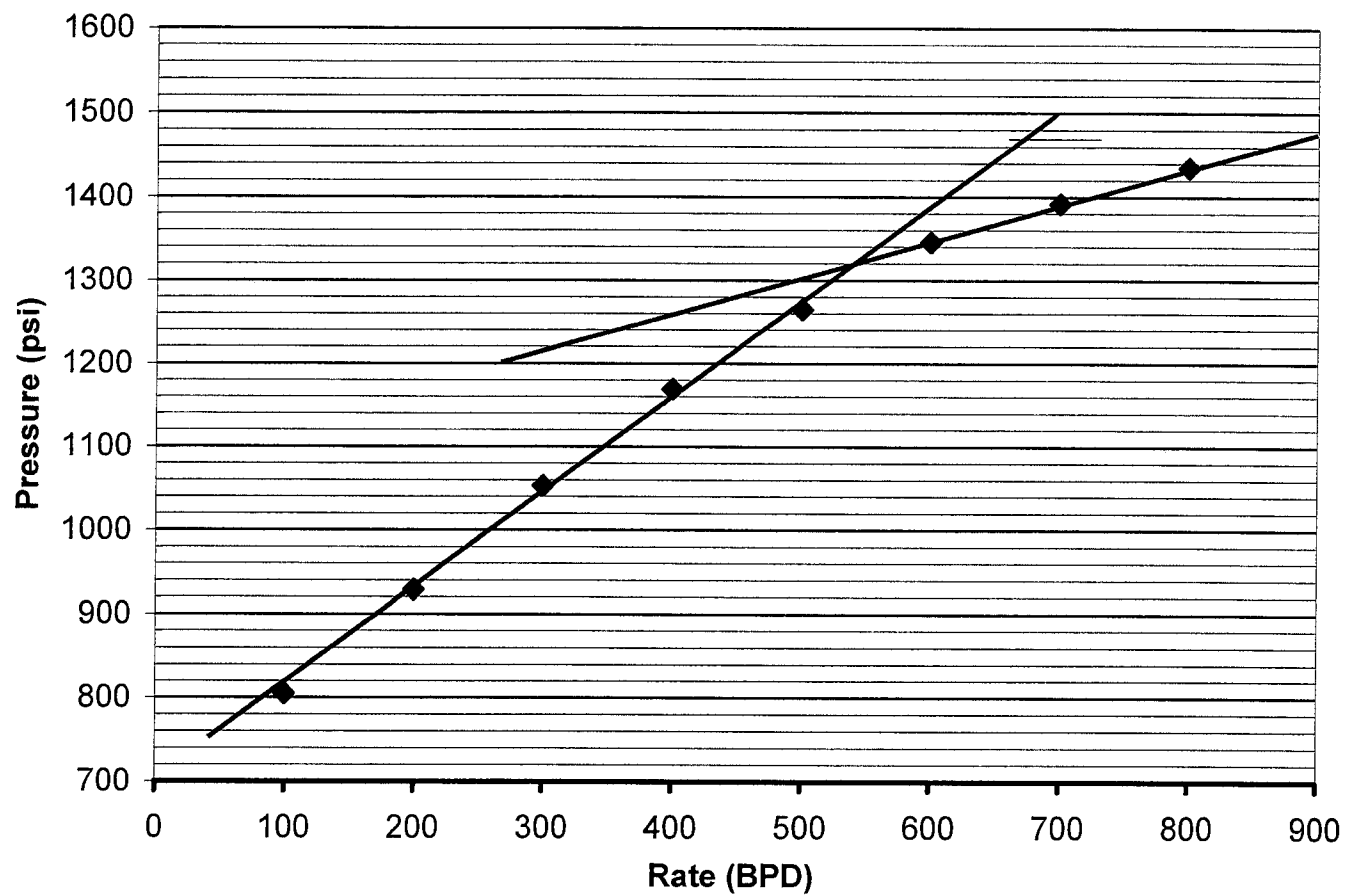
Maximum Allowable Injection Pressure (MAIP) = 1315 psig

D = depth used = 4156

MAIP = $[fg \cdot (0.433 \cdot SG)] \cdot D = 1319.551$

(rounded down to nearest 5 psig)

Federal 21-9H-9-17
Greater Monument Butte Unit
Step Rate Test
October 28, 2010



Start Pressure: 746 psi
 Instantaneous Shut In Pressure (ISIP): 1385 psi
 Top Perforation: 4156 feet
 Fracture pressure (P_{fp}): 1320 psi
 FG: 0.757 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	805
2	200	929
3	300	1053
4	400	1169
5	500	1265
6	600	1346
7	700	1392
8	800	1435

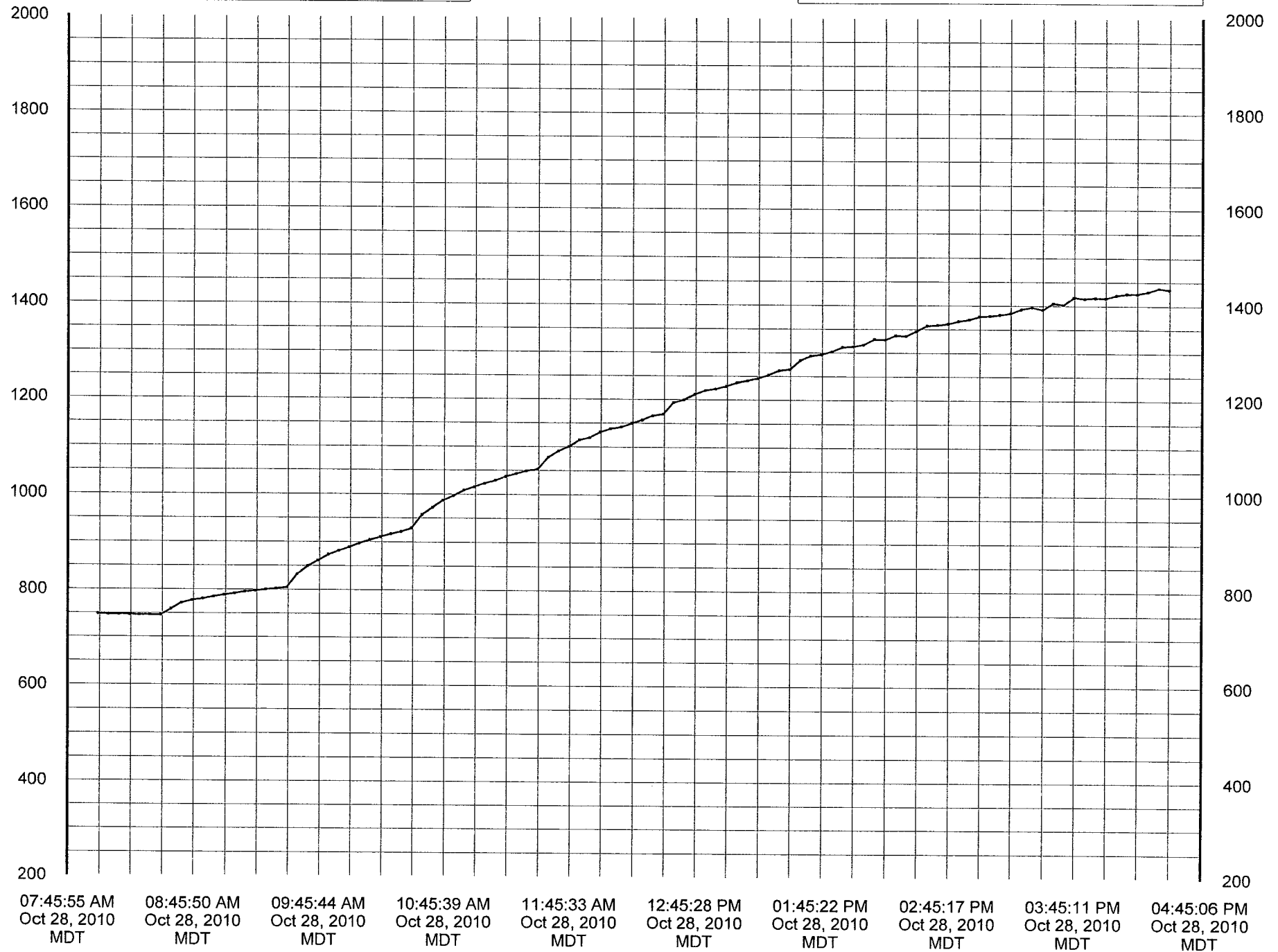
PSIA

Absolute Pressure

Federal 21-9H-9-17 SRT (10-28-10)

Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp

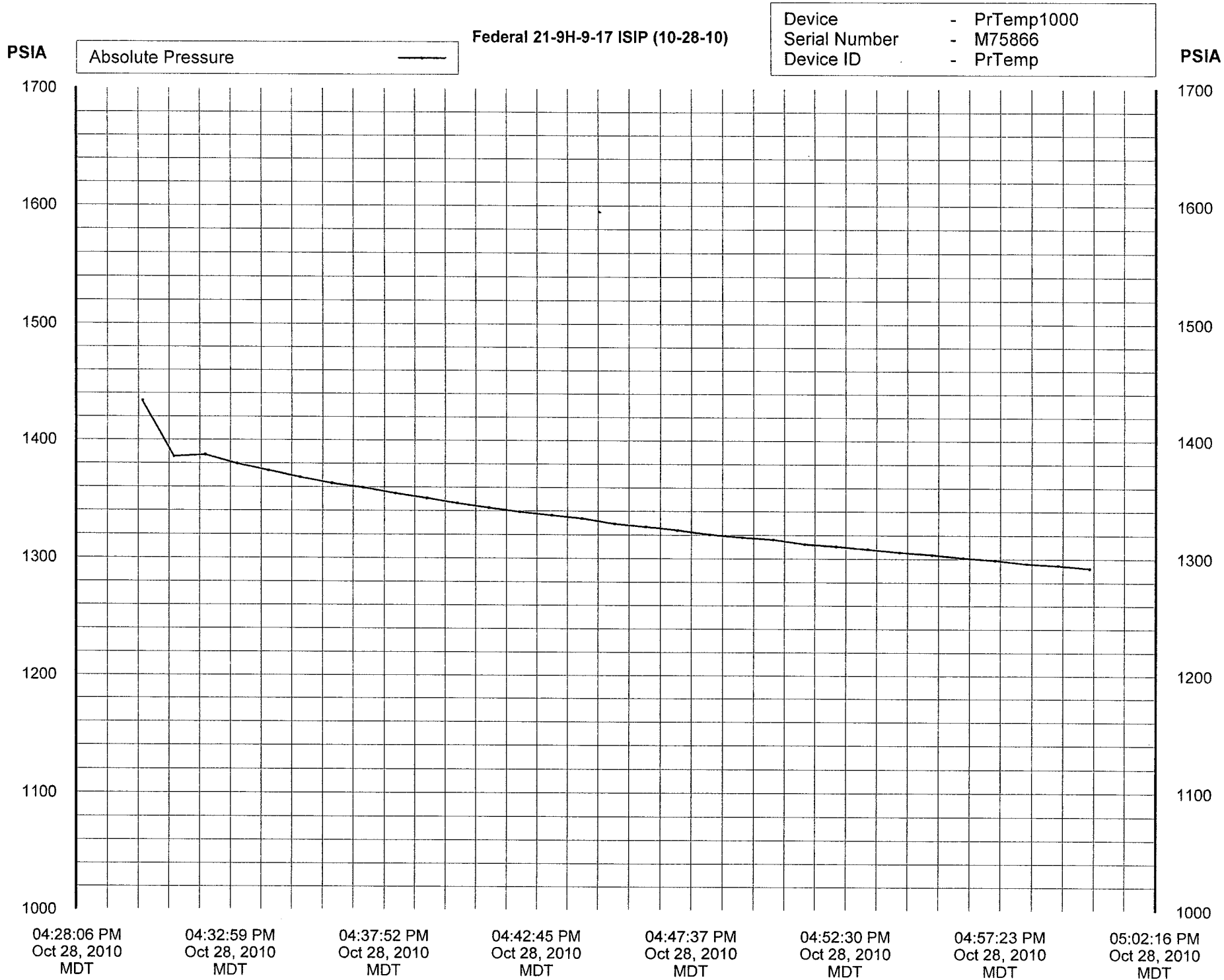
PSIA



Report Name: PrTemp1000 Data Table
 Report Date: Oct 29, 2010 01:23:08 PM MDT
 File Name: C:\Program Files\PTC® Instruments 2.00\Federal 21-9H-9-17 SRT (10-28-10).csv
 Title: Federal 21-9H-9-17 SRT (10-28-10)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Oct 28, 2010 08:00:00 AM MDT
 Data End Date: Oct 28, 2010 04:30:00 PM MDT
 Reading Rate: 2 Seconds
 Readings: 1 to 103 of 103
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Oct 28, 2010 08:00:00 AM	748.200	PSIA
2	Oct 28, 2010 08:04:59 AM	747.400	PSIA
3	Oct 28, 2010 08:10:01 AM	747.000	PSIA
4	Oct 28, 2010 08:14:59 AM	747.000	PSIA
5	Oct 28, 2010 08:19:59 AM	746.200	PSIA
6	Oct 28, 2010 08:24:59 AM	746.400	PSIA
7	Oct 28, 2010 08:29:59 AM	745.800	PSIA
8	Oct 28, 2010 08:34:59 AM	758.800	PSIA
9	Oct 28, 2010 08:40:00 AM	771.200	PSIA
10	Oct 28, 2010 08:44:59 AM	777.000	PSIA
11	Oct 28, 2010 08:49:59 AM	780.200	PSIA
12	Oct 28, 2010 08:54:59 AM	784.600	PSIA
13	Oct 28, 2010 08:59:59 AM	788.600	PSIA
14	Oct 28, 2010 09:04:59 AM	791.400	PSIA
15	Oct 28, 2010 09:09:59 AM	795.200	PSIA
16	Oct 28, 2010 09:15:00 AM	797.000	PSIA
17	Oct 28, 2010 09:20:00 AM	800.200	PSIA
18	Oct 28, 2010 09:25:00 AM	802.200	PSIA
19	Oct 28, 2010 09:29:59 AM	804.600	PSIA
20	Oct 28, 2010 09:34:59 AM	832.000	PSIA
21	Oct 28, 2010 09:39:59 AM	849.200	PSIA
22	Oct 28, 2010 09:44:59 AM	861.200	PSIA
23	Oct 28, 2010 09:49:59 AM	873.600	PSIA
24	Oct 28, 2010 09:54:59 AM	881.600	PSIA
25	Oct 28, 2010 09:59:59 AM	889.200	PSIA
26	Oct 28, 2010 10:05:00 AM	897.200	PSIA
27	Oct 28, 2010 10:09:59 AM	904.200	PSIA
28	Oct 28, 2010 10:15:00 AM	910.600	PSIA
29	Oct 28, 2010 10:20:00 AM	916.800	PSIA
30	Oct 28, 2010 10:24:59 AM	922.000	PSIA
31	Oct 28, 2010 10:29:59 AM	929.200	PSIA
32	Oct 28, 2010 10:35:00 AM	957.000	PSIA
33	Oct 28, 2010 10:40:00 AM	972.200	PSIA
34	Oct 28, 2010 10:45:00 AM	987.200	PSIA
35	Oct 28, 2010 10:49:59 AM	996.200	PSIA
36	Oct 28, 2010 10:54:59 AM	1008.200	PSIA
37	Oct 28, 2010 10:59:59 AM	1015.600	PSIA
38	Oct 28, 2010 11:04:59 AM	1023.000	PSIA
39	Oct 28, 2010 11:10:00 AM	1029.200	PSIA
40	Oct 28, 2010 11:14:59 AM	1037.200	PSIA
41	Oct 28, 2010 11:19:59 AM	1043.400	PSIA
42	Oct 28, 2010 11:24:59 AM	1049.200	PSIA
43	Oct 28, 2010 11:30:00 AM	1052.600	PSIA
44	Oct 28, 2010 11:35:00 AM	1077.800	PSIA
45	Oct 28, 2010 11:40:00 AM	1091.000	PSIA
46	Oct 28, 2010 11:45:00 AM	1100.400	PSIA
47	Oct 28, 2010 11:50:00 AM	1114.200	PSIA
48	Oct 28, 2010 11:55:00 AM	1119.600	PSIA
49	Oct 28, 2010 12:00:01 PM	1130.800	PSIA
50	Oct 28, 2010 12:05:00 PM	1138.000	PSIA
51	Oct 28, 2010 12:10:00 PM	1141.800	PSIA
52	Oct 28, 2010 12:15:00 PM	1149.600	PSIA
53	Oct 28, 2010 12:20:00 PM	1156.600	PSIA
54	Oct 28, 2010 12:25:00 PM	1165.400	PSIA
55	Oct 28, 2010 12:30:00 PM	1169.200	PSIA
56	Oct 28, 2010 12:35:00 PM	1193.200	PSIA
57	Oct 28, 2010 12:40:00 PM	1199.600	PSIA
58	Oct 28, 2010 12:45:00 PM	1211.200	PSIA
59	Oct 28, 2010 12:50:00 PM	1219.200	PSIA
60	Oct 28, 2010 12:55:00 PM	1222.800	PSIA

61	Oct 28, 2010 01:00:00 PM	1228.800	PSIA
62	Oct 28, 2010 01:05:00 PM	1236.200	PSIA
63	Oct 28, 2010 01:10:00 PM	1240.200	PSIA
64	Oct 28, 2010 01:15:00 PM	1245.200	PSIA
65	Oct 28, 2010 01:20:00 PM	1252.800	PSIA
66	Oct 28, 2010 01:25:00 PM	1262.200	PSIA
67	Oct 28, 2010 01:30:00 PM	1264.600	PSIA
68	Oct 28, 2010 01:35:00 PM	1284.200	PSIA
69	Oct 28, 2010 01:40:00 PM	1293.600	PSIA
70	Oct 28, 2010 01:45:00 PM	1296.400	PSIA
71	Oct 28, 2010 01:49:59 PM	1302.600	PSIA
72	Oct 28, 2010 01:54:59 PM	1312.200	PSIA
73	Oct 28, 2010 01:59:59 PM	1313.400	PSIA
74	Oct 28, 2010 02:04:59 PM	1317.400	PSIA
75	Oct 28, 2010 02:10:00 PM	1329.000	PSIA
76	Oct 28, 2010 02:15:00 PM	1328.200	PSIA
77	Oct 28, 2010 02:20:00 PM	1337.000	PSIA
78	Oct 28, 2010 02:25:00 PM	1336.000	PSIA
79	Oct 28, 2010 02:30:00 PM	1346.000	PSIA
80	Oct 28, 2010 02:35:00 PM	1357.600	PSIA
81	Oct 28, 2010 02:40:00 PM	1359.000	PSIA
82	Oct 28, 2010 02:45:00 PM	1361.800	PSIA
83	Oct 28, 2010 02:50:00 PM	1367.400	PSIA
84	Oct 28, 2010 02:55:00 PM	1370.400	PSIA
85	Oct 28, 2010 03:00:00 PM	1377.200	PSIA
86	Oct 28, 2010 03:05:04 PM	1378.800	PSIA
87	Oct 28, 2010 03:10:00 PM	1381.200	PSIA
88	Oct 28, 2010 03:15:00 PM	1384.200	PSIA
89	Oct 28, 2010 03:20:00 PM	1392.800	PSIA
90	Oct 28, 2010 03:25:00 PM	1397.200	PSIA
91	Oct 28, 2010 03:30:00 PM	1392.000	PSIA
92	Oct 28, 2010 03:35:00 PM	1405.600	PSIA
93	Oct 28, 2010 03:40:00 PM	1402.800	PSIA
94	Oct 28, 2010 03:44:59 PM	1418.000	PSIA
95	Oct 28, 2010 03:50:00 PM	1415.200	PSIA
96	Oct 28, 2010 03:55:00 PM	1417.000	PSIA
97	Oct 28, 2010 03:59:59 PM	1416.600	PSIA
98	Oct 28, 2010 04:04:59 PM	1422.400	PSIA
99	Oct 28, 2010 04:09:59 PM	1425.600	PSIA
100	Oct 28, 2010 04:15:00 PM	1425.400	PSIA
101	Oct 28, 2010 04:20:00 PM	1430.200	PSIA
102	Oct 28, 2010 04:25:00 PM	1437.400	PSIA
103	Oct 28, 2010 04:30:00 PM	1434.600	PSIA



Report Name: PrTemp1000 Data Table
 Report Date: Oct 29, 2010 01:23:02 PM MDT
 File Name: C:\Program Files\PTC® Instruments 2.00\Federal 21-9H-9-17 ISIP (10-28-10).csv
 Title: Federal 21-9H-9-17 ISIP (10-28-10)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Oct 28, 2010 04:30:11 PM MDT
 Data End Date: Oct 28, 2010 05:00:11 PM MDT
 Reading Rate: 2 Seconds
 Readings: 1 to 31 of 31
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Oct 28, 2010 04:30:11 PM	1433.200	PSIA
2	Oct 28, 2010 04:31:11 PM	1385.400	PSIA
3	Oct 28, 2010 04:32:11 PM	1387.000	PSIA
4	Oct 28, 2010 04:33:11 PM	1379.600	PSIA
5	Oct 28, 2010 04:34:11 PM	1373.800	PSIA
6	Oct 28, 2010 04:35:12 PM	1368.200	PSIA
7	Oct 28, 2010 04:36:12 PM	1363.000	PSIA
8	Oct 28, 2010 04:37:12 PM	1359.600	PSIA
9	Oct 28, 2010 04:38:13 PM	1354.600	PSIA
10	Oct 28, 2010 04:39:14 PM	1350.600	PSIA
11	Oct 28, 2010 04:40:12 PM	1346.400	PSIA
12	Oct 28, 2010 04:41:13 PM	1342.600	PSIA
13	Oct 28, 2010 04:42:12 PM	1339.200	PSIA
14	Oct 28, 2010 04:43:13 PM	1336.400	PSIA
15	Oct 28, 2010 04:44:11 PM	1333.800	PSIA
16	Oct 28, 2010 04:45:13 PM	1329.200	PSIA
17	Oct 28, 2010 04:46:12 PM	1326.600	PSIA
18	Oct 28, 2010 04:47:11 PM	1323.800	PSIA
19	Oct 28, 2010 04:48:11 PM	1320.200	PSIA
20	Oct 28, 2010 04:49:13 PM	1317.800	PSIA
21	Oct 28, 2010 04:50:12 PM	1316.000	PSIA
22	Oct 28, 2010 04:51:12 PM	1312.200	PSIA
23	Oct 28, 2010 04:52:12 PM	1310.400	PSIA
24	Oct 28, 2010 04:53:12 PM	1308.000	PSIA
25	Oct 28, 2010 04:54:12 PM	1305.400	PSIA
26	Oct 28, 2010 04:55:14 PM	1303.400	PSIA
27	Oct 28, 2010 04:56:12 PM	1300.800	PSIA
28	Oct 28, 2010 04:57:13 PM	1298.800	PSIA
29	Oct 28, 2010 04:58:12 PM	1295.800	PSIA
30	Oct 28, 2010 04:59:11 PM	1294.400	PSIA
31	Oct 28, 2010 05:00:11 PM	1292.000	PSIA

Federal 21-9H-9-17 Rate Sheet (10-28-10)

Step # 1	Time:	8:35	8:40	8:45	8:50	8:55	9:00
	Rate:	100.7	100.7	100.7	100.6	100.6	100.6
	Time:	9:05	9:10	9:15	9:20	9:25	9:30
	Rate:	100.6	100.6	100.5	100.5	100.5	100.5
Step # 2	Time:	9:35	9:40	9:45	9:50	9:55	10:00
	Rate:	200.5	200.5	200.5	200.5	200.4	200.4
	Time:	10:05	10:10	10:15	10:20	10:25	10:30
	Rate:	200.3	200.3	200.3	200.2	200.2	200.2
Step # 3	Time:	10:35	10:40	10:45	10:50	10:55	11:00
	Rate:	300.6	300.6	300.5	300.5	300.4	300.4
	Time:	11:05	11:10	11:15	11:20	11:25	11:30
	Rate:	300.4	300.4	300.4	300.4	300.3	300.3
Step # 4	Time:	11:35	11:40	11:45	11:50	11:55	12:00
	Rate:	400.5	400.5	400.5	400.4	400.4	400.4
	Time:	12:05	12:10	12:15	12:20	12:25	12:30
	Rate:	400.4	400.4	400.3	400.3	400.2	400.2
Step # 5	Time:	12:35	12:40	12:45	12:50	12:55	1:00
	Rate:	500.4	500.4	500.4	500.4	500.3	500.3
	Time:	1:05	1:10	1:15	1:20	1:25	1:30
	Rate:	500.2	500.2	500.2	500.1	500.1	500.1
Step # 6	Time:	1:35	1:40	1:45	1:50	1:55	2:00
	Rate:	600.5	600.5	600.4	600.4	600.4	600.4
	Time:	2:05	2:10	2:15	2:20	2:25	2:30
	Rate:	600.3	600.2	600.2	600.1	600.1	600.1
Step # 7	Time:	2:35	2:40	2:45	2:50	2:55	3:00
	Rate:	700.6	700.4	700.4	700.4	700.4	700.4
	Time:	3:05	3:10	3:15	3:20	3:25	3:30
	Rate:	700.3	700.3	700.3	700.3	700.2	700.2
Step # 8	Time:	3:35	3:40	3:45	3:50	3:55	4:00
	Rate:	800.4	800.4	800.4	800.4	800.4	800.3
	Time:	4:05	4:10	4:15	4:20	4:25	4:30
	Rate:	800.3	800.3	800.3	800.2	800.2	800.1

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-50750
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 21-9H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1979 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 09 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013314580000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/9/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 05/09/2014 the casing was pressured up to 1617 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1288 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08154		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 5/20/2014		

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 27, 2014

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 5 / 9 / 14Test conducted by: Kane Stevenson

Others present: _____

Well Name: <u>Federal 21-9H-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>21</u> Sec: <u>9H</u> T: <u>9</u> N/S R: <u>17</u> E/W	County: <u>Duchesne</u> State: <u>VT</u>	
Operator: <u>Newfield Production</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: <u> </u>	PSIG

Is this a regularly scheduled test?

☒ Yes ☐ No

Initial test for permit?

☐ Yes ☒ No

Test after well rework?

☐ Yes ☒ No

Well injecting during test?

☐ Yes ☒ No

If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: Csg-0 Tub-1288 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1288</u> psig	psig	psig
End of test pressure	<u>1288</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1619</u> psig	psig	psig
5 minutes	<u>1619</u> psig	psig	psig
10 minutes	<u>1618</u> psig	psig	psig
15 minutes	<u>1617</u> psig	psig	psig
20 minutes	<u>1617</u> psig	psig	psig
25 minutes	<u>1617</u> psig	psig	psig
30 minutes	<u>1617</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

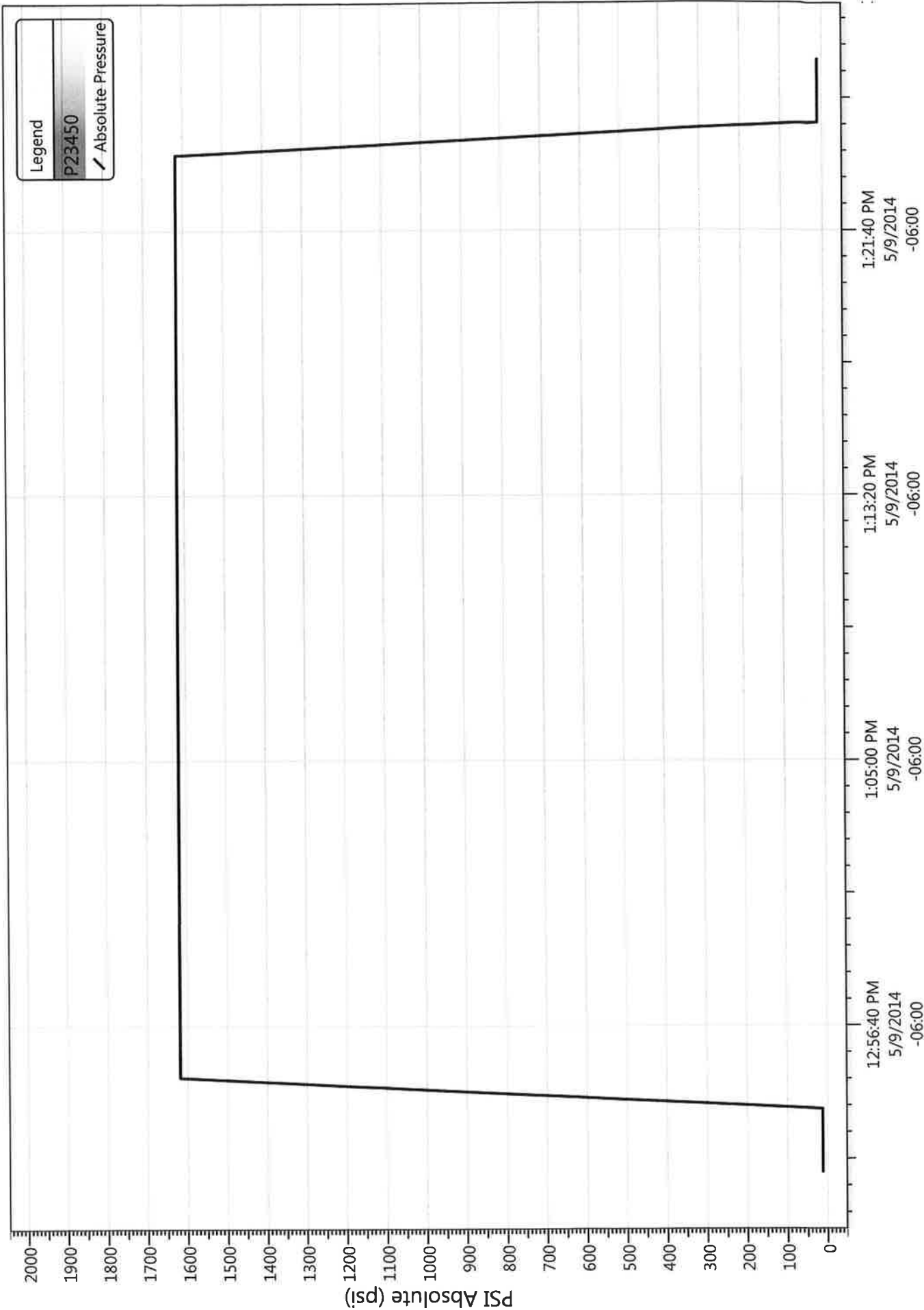
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Federal 21-9H-9-17 (5 Year MIT) 5/9/2014

5/9/2014 12:51:21 PM



NEWFIELD



Schematic

43-013-31458

Well Name: Federal 21-9H-9-17

Surface Legal Location 09-9S-17E				API/UWI 43013314580000	Well RC 500151659	Lease	State/Province Utah	Field Name GMBU CTB8	County Duchesne
Spud Date 9/28/1994	Rig Release Date 10/21/1994	On Production Date 11/18/1994	Original KB Elevation (ft) 5,247	Ground Elevation (ft) 5,233	Total Depth All (TVD) (ftKB)		PBD (All) (ftKB) Original Hole - 6,078.0		

Most Recent Job

Job Category Testing	Primary Job Type	Secondary Job Type N/A	Job Start Date 5/9/2014	Job End Date 5/9/2014
-------------------------	------------------	---------------------------	----------------------------	--------------------------

TD: 6,125.0

Vertical - Original Hole, 1/11/2016 9:29:32 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
			DLS (°...)	
14.1				<p>1; Surface; 9 5/8 in; 8,921 in; 14-350 ftKB; 336.00 ft</p> <p>2-1; Tubing; 2 7/8; 2,441; 14-4,130; 4,116.39</p> <p>2-2; Pump Seating Nipple; 2 7/8; 2,441; 4,130-4,131; 1.10</p> <p>2-3; Packer; 5 1/2; 2,441; 4,131-4,139; 7.40</p> <p>Perforated; 4,156-4,160; 11/2/1994</p> <p>Perforated; 4,173-4,202; 11/2/1994</p> <p>Perforated; 4,791-4,800; 11/2/1994</p> <p>Perforated; 4,856-4,867; 11/2/1994</p> <p>Perforated; 4,921-4,946; 11/2/1994</p> <p>Perforated; 5,080-5,100; 11/1/1994</p> <p>Perforated; 5,192-5,265; 11/1/1994</p> <p>Perforated; 5,534-5,550; 10/29/1994</p> <p>2; Production; 5 1/2 in; 4,892 in; 14-6,125 ftKB; 6,111.00 ft</p>
349.1				
350.1				
2,770.0				
4,130.2				
4,131.6				
4,138.8				
4,155.8				
4,160.1				
4,172.9				
4,202.1				
4,791.0				
4,799.9				
4,856.0				
4,867.1				
4,920.9				
4,945.9				
5,080.1				
5,100.1				
5,191.9				
5,265.1				
5,534.1				
5,549.9				
6,078.1				
6,078.7				
6,124.3				
6,125.0				

NEWFIELD



Newfield Wellbore Diagram Data Federal 21-9H-9-17

Surface Legal Location 09-9S-17E		API/UWI 43013314580000		Lease
County Duchesne	State/Province Utah		Basin	Field Name GMBU CTB8
Well Start Date 9/28/1994	Spud Date 9/28/1994	Final Rig Release Date 10/21/1994		On Production Date 11/18/1994
Original KB Elevation (ft) 5,247	Ground Elevation (ft) 5,233	Total Depth (ftKB) 6,125.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,078.0

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	9/29/1994	9 5/8	8.921	36.00	K-55	350
Production	10/18/1994	5 1/2	4.892	17.00	L-80	6,125

Cement

String: Surface, 350ftKB 9/29/1994

Cementing Company Dowell Schlumberger	Top Depth (ftKB) 14.0	Bottom Depth (ftKB) 350.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description + 1/4#/sk CelloFlake	Fluid Type Lead	Amount (sacks) 200	Class G	Estimated Top (ftKB) 14.0

String: Production, 6,125ftKB 10/18/1994

Cementing Company	Top Depth (ftKB) 2,770.0	Bottom Depth (ftKB) 6,125.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description +12% Gel Mix	Fluid Type Lead	Amount (sacks) 390	Class G	Estimated Top (ftKB) 2,770.0
Fluid Description +10% Gypsum	Fluid Type Tail	Amount (sacks) 540	Class G	Estimated Top (ftKB) 4,400.0

Tubing Strings

Tubing Description Tubing					Run Date 6/12/2009		Set Depth (ftKB) 4,138.9	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	132	2 7/8	2.441	6.50	J-55	4,116.39	14.0	4,130.4
Pump Seating Nipple		2 7/8	2.441			1.10	4,130.4	4,131.5
Packer		5 1/2	2.441			7.40	4,131.5	4,138.9

Rod Strings

Rod Description		Run Date			Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
4	Middle A, Original Hole	4,156	4,160	1		0.400	11/2/1994
4	Lower A, Original Hole	4,173	4,202	1		0.400	11/2/1994
3	DC-5, Original Hole	4,791	4,800	1		0.400	11/2/1994
3	Upper D, Original Hole	4,856	4,867	1		0.400	11/2/1994
3	Lower D, Original Hole	4,921	4,946	1		0.400	11/2/1994
2	E-D, Original Hole	5,080	5,100	1		0.400	11/1/1994
2	E-2, Original Hole	5,192	5,265	0		0.400	11/1/1994
1	F-3, Original Hole	5,534	5,550	2		0.380	10/29/1994

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,380			4,900			
2	2,005			4,000			
3	1,950						
4	1,854			2,200			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Ottawa Sand 26030 lb; Proppant RC Sand 6000 lb
2		Proppant Ottawa Sand 24000 lb; Proppant RC Sand 19380 lb
3		Proppant Ottawa Sand 24000 lb; Proppant RC Sand 12000 lb
4		Proppant Ottawa Sand 24000 lb; Proppant RC Sand 12000 lb